

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038042.D
 Acq On : 03 Oct 2023 16:33
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 04 08:45:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 08:39:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/04/2023
 Supervised By : Semsettin Yesilyurt 10/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	136388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	18127	8.542	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	17.080%#		
35) Dibromofluoromethane	5.391	113	13446	8.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	16.740%#		
50) Toluene-d8	8.647	98	50053	8.138	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	16.280%#		
62) 4-Bromofluorobenzene	11.079	95	17856	7.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	15.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14349	10.558	ug/l	95
3) Chloromethane	1.300	50	17425	9.739	ug/l	99
4) Vinyl Chloride	1.374	62	17365	10.754	ug/l	97
5) Bromomethane	1.611	94	16935	7.976	ug/l	98
6) Chloroethane	1.691	64	12209	10.072	ug/l	91
7) Trichlorofluoromethane	1.886	101	31830	9.993	ug/l	99
8) Diethyl Ether	2.136	74	11581	9.942	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	13530	9.756	ug/l	97
10) Methyl Iodide	2.453	142	10885	7.610	ug/l	94
11) Tert butyl alcohol	2.959	59	24566	51.534	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	12520	9.695	ug/l	89
13) Acrolein	2.233	56	12337	45.241	ug/l	97
14) Allyl chloride	2.666	41	21882	9.561	ug/l	94
15) Acrylonitrile	3.062	53	48261	48.711	ug/l	98
16) Acetone	2.379	43	47450	50.914	ug/l	92
17) Carbon Disulfide	2.514	76	33359	9.133	ug/l	98
18) Methyl Acetate	2.703	43	39716	9.912	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	48596	9.744	ug/l	97
20) Methylene Chloride	2.788	84	17296	9.788	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	14737	9.498	ug/l	89
22) Diisopropyl ether	3.763	45	46158	9.651	ug/l #	97
23) Vinyl Acetate	3.727	43	167829	48.779	ug/l	96
24) 1,1-Dichloroethane	3.611	63	28366	9.772	ug/l	99
25) 2-Butanone	4.556	43	73117	49.761	ug/l	97
26) 2,2-Dichloropropane	4.477	77	22214	9.744	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	17672	9.769	ug/l	93
28) Bromochloromethane	4.903	49	13537	9.911	ug/l	93
29) Tetrahydrofuran	5.007	42	46435	49.000	ug/l	93
30) Chloroform	5.099	83	30320	9.589	ug/l	96
31) Cyclohexane	5.470	56	24954	10.056	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	24758	9.413	ug/l	98
36) 1,1-Dichloropropene	5.690	75	22338	9.432	ug/l	98
37) Ethyl Acetate	4.721	43	26206	9.852	ug/l	99
38) Carbon Tetrachloride	5.678	117	21896	9.501	ug/l	98
39) Methylcyclohexane	7.385	83	26140	9.338	ug/l	97
40) Benzene	6.043	78	63674	9.530	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038042.D
 Acq On : 03 Oct 2023 16:33
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 04 08:45:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 08:39:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12728	9.557	ug/l #	86
42) 1,2-Dichloroethane	6.092	62	25241	9.634	ug/l	98
43) Isopropyl Acetate	6.342	43	39674	9.627	ug/l	98
44) Trichloroethene	7.129	130	16760	9.296	ug/l	95
45) 1,2-Dichloropropane	7.433	63	16488	9.694	ug/l	96
46) Dibromomethane	7.586	93	12494	9.485	ug/l	97
47) Bromodichloromethane	7.824	83	22236	9.697	ug/l	100
48) Methyl methacrylate	7.696	41	18795	9.486	ug/l	85
49) 1,4-Dioxane	7.659	88	8929	201.036	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	142496	49.769	ug/l	100
52) Toluene	8.720	92	41032	9.489	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	22269	9.219	ug/l	93
54) cis-1,3-Dichloropropene	8.372	75	24096	9.375	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	17292	9.847	ug/l	96
56) Ethyl methacrylate	9.116	69	24923	9.443	ug/l	95
57) 1,3-Dichloropropane	9.311	76	28790	9.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	63486	47.065	ug/l	98
59) 2-Hexanone	9.433	43	113702	49.642	ug/l	98
60) Dibromochloromethane	9.525	129	15602	9.233	ug/l	98
61) 1,2-Dibromoethane	9.610	107	18524	9.730	ug/l	97
64) Tetrachloroethene	9.275	164	13482	9.324	ug/l	95
65) Chlorobenzene	10.079	112	44649	9.788	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	14283	9.390	ug/l	96
67) Ethyl Benzene	10.195	91	80301	9.786	ug/l	99
68) m/p-Xylenes	10.305	106	60953	19.396	ug/l	98
69) o-Xylene	10.640	106	28790	9.647	ug/l	97
70) Styrene	10.658	104	47414	9.619	ug/l	98
71) Bromoform	10.799	173	10732	9.281	ug/l #	97
73) Isopropylbenzene	10.963	105	76198	9.713	ug/l	98
74) N-amyl acetate	10.841	43	34411	9.747	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	28918	9.849	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	25659m	9.055	ug/l	
77) Bromobenzene	11.201	156	18321	9.526	ug/l	96
78) n-propylbenzene	11.305	91	92587	9.605	ug/l	99
79) 2-Chlorotoluene	11.366	91	53140	9.494	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	64107	9.602	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6745	8.507	ug/l	92
82) 4-Chlorotoluene	11.457	91	63555	9.421	ug/l	97
83) tert-Butylbenzene	11.713	119	63174	9.518	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	64397	9.563	ug/l	97
85) sec-Butylbenzene	11.890	105	82653	9.602	ug/l	100
86) p-Isopropyltoluene	12.012	119	67235	9.538	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	35622	9.237	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	37250	9.398	ug/l	98
89) n-Butylbenzene	12.335	91	65252	9.275	ug/l	97
90) Hexachloroethane	12.536	117	10602	9.228	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	34163	9.309	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6189	9.262	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	23154	9.095	ug/l	95
94) Hexachlorobutadiene	13.725	225	9806	9.027	ug/l	98
95) Naphthalene	13.774	128	80978	9.436	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23149	9.403	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
Data File : VX038042.D
Acq On : 03 Oct 2023 16:33
Operator : JC/MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2023
Supervised By :Semsettin Yesilyurt 10/04/2023

Quant Time: Oct 04 08:45:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 08:39:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

