

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038039.D
 Acq On : 03 Oct 2023 15:16
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Oct 04 05:39:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 05:22:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	138152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1500	1.056	ug/l	96
3) Chloromethane	1.300	50	2514	1.408	ug/l	93
4) Vinyl Chloride	1.374	62	1946	1.203	ug/l	95
6) Chloroethane	1.697	64	2691	2.163	ug/l #	76
7) Trichlorofluoromethane	1.892	101	3677	1.147	ug/l	99
8) Diethyl Ether	2.136	74	1222	1.041	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	1677	1.191	ug/l	94
12) 1,1-Dichloroethene	2.325	96	1531	1.153	ug/l #	74
14) Allyl chloride	2.666	41	2687	1.136	ug/l #	89
15) Acrylonitrile	3.068	53	5570	5.490	ug/l	98
16) Acetone	2.380	43	5690	6.085	ug/l #	81
17) Carbon Disulfide	2.508	76	5556	1.459	ug/l	99
18) Methyl Acetate	2.709	43	4706	1.150	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	5395	1.049	ug/l #	91
20) Methylene Chloride	2.794	84	2991	1.515	ug/l #	85
21) trans-1,2-Dichloroethene	3.099	96	1965	1.228	ug/l #	64
22) Diisopropyl ether	3.763	45	5072	1.030	ug/l #	89
23) Vinyl Acetate	3.733	43	17487	4.917	ug/l	99
24) 1,1-Dichloroethane	3.611	63	3284	1.106	ug/l #	94
25) 2-Butanone	4.562	43	8172	5.472	ug/l	93
26) 2,2-Dichloropropane	4.471	77	2486	1.059	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	2020	1.088	ug/l	92
28) Bromochloromethane	4.897	49	1427m	1.025	ug/l	
29) Tetrahydrofuran	5.019	42	5112	5.266	ug/l	96
30) Chloroform	5.105	83	3424	1.052	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	2754	1.004	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	2869	1.184	ug/l	99
37) Ethyl Acetate	4.727	43	2840	1.035	ug/l #	92
38) Carbon Tetrachloride	5.672	117	2510	1.048	ug/l #	69
39) Methylcyclohexane	7.385	83	3252	1.128	ug/l #	83
40) Benzene	6.050	78	7315	1.067	ug/l	96
41) Methacrylonitrile	4.928	41	1479	1.065	ug/l #	85
42) 1,2-Dichloroethane	6.098	62	2906	1.083	ug/l	82
43) Isopropyl Acetate	6.342	43	4158	0.971	ug/l	96
44) Trichloroethene	7.135	130	2035	1.101	ug/l	100
45) 1,2-Dichloropropane	7.433	63	1782	1.021	ug/l	95

10/04/2023
 Supervised By :Semsettin
 Kesilyurt

10/04/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1461	1.078	ug/l	95
47) Bromodichloromethane	7.824	83	2383	0.997	ug/l #	84
48) Methyl methacrylate	7.702	41	1929	0.939	ug/l #	79
49) 1,4-Dioxane	7.677	88	887	19.536	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	14159	4.844	ug/l	98
52) Toluene	8.720	92	4600	1.030	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	2401	0.930	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	2552	0.943	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	1739	0.962	ug/l #	87
56) Ethyl methacrylate	9.122	69	2536	0.912	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	3323	1.098	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	6246	4.645	ug/l	93
59) 2-Hexanone	9.433	43	11383	4.863	ug/l	94
60) Dibromochloromethane	9.525	129	1488	0.825	ug/l	92
61) 1,2-Dibromoethane	9.610	107	1833	0.927	ug/l	99
64) Tetrachloroethene	9.275	164	1800	1.220	ug/l	90
65) Chlorobenzene	10.079	112	5655	1.221	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.159	131	1409	0.887	ug/l #	61
67) Ethyl Benzene	10.195	91	9343	1.117	ug/l	98
68) m/p-Xylenes	10.305	106	6976	2.167	ug/l	97
69) o-Xylene	10.640	106	3278	1.067	ug/l	98
70) Styrene	10.659	104	5110	1.002	ug/l	97
71) Bromoform	10.799	173	1029	0.827	ug/l #	96
73) Isopropylbenzene	10.963	105	8787	1.153	ug/l	98
74) N-amyl acetate	10.848	43	3152	0.913	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	2940	1.039	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	2810m	1.135	ug/l	
77) Bromobenzene	11.201	156	2350	1.260	ug/l	86
78) n-propylbenzene	11.305	91	10784	1.154	ug/l	99
79) 2-Chlorotoluene	11.366	91	6542	1.205	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	6927	1.062	ug/l	97
82) 4-Chlorotoluene	11.457	91	7665	1.170	ug/l	95
83) tert-Butylbenzene	11.713	119	6768	1.042	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	7243	1.103	ug/l	98
85) sec-Butylbenzene	11.890	105	9269	1.107	ug/l	99
86) p-Isopropyltoluene	12.006	119	7800	1.134	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	4618	1.236	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	5399m	1.414	ug/l	
89) n-Butylbenzene	12.335	91	8145	1.181	ug/l	91
90) Hexachloroethane	12.542	117	1110	0.959	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	4374	1.226	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	726	1.088	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	3322	1.345	ug/l	98
94) Hexachlorobutadiene	13.725	225	1478	1.402	ug/l	96
95) Naphthalene	13.774	128	9624	1.150	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	3331	1.395	ug/l	94

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

