

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037654.D
 Acq On : 11 Sep 2023 21:27
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091123

Quant Time: Sep 12 10:24:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	165380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	298209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136934	51.176	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.360%			
35) Dibromofluoromethane	5.385	113	108391	51.279	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.560%			
50) Toluene-d8	8.647	98	413114	51.822	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.640%			
62) 4-Bromofluorobenzene	11.079	95	152363	52.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89676	49.458	ug/l	96
3) Chloromethane	1.300	50	102194	49.474	ug/l	97
4) Vinyl Chloride	1.374	62	110798	47.683	ug/l	96
5) Bromomethane	1.599	94	95316	49.040	ug/l	97
6) Chloroethane	1.678	64	84625	52.968	ug/l	100
7) Trichlorofluoromethane	1.880	101	191620	49.843	ug/l	99
8) Diethyl Ether	2.136	74	76051	49.844	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	83671	48.551	ug/l	99
10) Methyl Iodide	2.447	142	107527	52.833	ug/l	96
11) Tert butyl alcohol	2.965	59	143589	259.662	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	84284	49.536	ug/l	90
13) Acrolein	2.233	56	105204	240.644	ug/l	99
14) Allyl chloride	2.660	41	149839	50.270	ug/l	96
15) Acrylonitrile	3.062	53	314593	256.371	ug/l	98
16) Acetone	2.380	43	264071	244.113	ug/l	92
17) Carbon Disulfide	2.508	76	209759	48.495	ug/l	98
18) Methyl Acetate	2.703	43	235481	51.547	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	344947	51.353	ug/l	100
20) Methylene Chloride	2.788	84	110401	52.855	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	98460	50.297	ug/l	90
22) Diisopropyl ether	3.763	45	337825	52.024	ug/l	85
23) Vinyl Acetate	3.721	43	1266017	267.293	ug/l	97
24) 1,1-Dichloroethane	3.611	63	194288	51.344	ug/l	100
25) 2-Butanone	4.556	43	442711	250.992	ug/l	92
26) 2,2-Dichloropropane	4.477	77	121606	46.199	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	121855	51.046	ug/l	91
28) Bromochloromethane	4.897	49	97547	51.025	ug/l	92
29) Tetrahydrofuran	5.001	42	287844	256.263	ug/l	91
30) Chloroform	5.092	83	210739	51.568	ug/l	100
31) Cyclohexane	5.470	56	155033	50.317	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	179283	52.711	ug/l	99
36) 1,1-Dichloropropene	5.690	75	140735	48.944	ug/l	97
37) Ethyl Acetate	4.715	43	173983	52.879	ug/l	98
38) Carbon Tetrachloride	5.678	117	147604	50.247	ug/l	99
39) Methylcyclohexane	7.379	83	170903	50.228	ug/l	95
40) Benzene	6.037	78	451144	51.753	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	89057	51.388	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	171111	50.222	ug/l	98
43) Isopropyl Acetate	6.342	43	276334	52.645	ug/l	97
44) Trichloroethene	7.123	130	109295	50.182	ug/l	99
45) 1,2-Dichloropropane	7.427	63	117590	51.115	ug/l	98
46) Dibromomethane	7.580	93	86672	51.786	ug/l	98
47) Bromodichloromethane	7.824	83	161367	53.409	ug/l	98
48) Methyl methacrylate	7.696	41	135453	53.384	ug/l	89
49) 1,4-Dioxane	7.659	88	66655	1060.295	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	915567	265.637	ug/l	96
52) Toluene	8.720	92	290961	51.912	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	166717	54.427	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	180652	53.747	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	126100	53.430	ug/l	96
56) Ethyl methacrylate	9.116	69	196801	54.501	ug/l	94
57) 1,3-Dichloropropane	9.311	76	205393	51.883	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	478883	273.508	ug/l	98
59) 2-Hexanone	9.433	43	722511	271.571	ug/l	95
60) Dibromochloromethane	9.525	129	126848	54.718	ug/l	99
61) 1,2-Dibromoethane	9.610	107	134831	53.149	ug/l	100
64) Tetrachloroethene	9.275	164	95083	50.317	ug/l	96
65) Chlorobenzene	10.079	112	313903	50.494	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	116794	54.513	ug/l	98
67) Ethyl Benzene	10.195	91	573774	51.864	ug/l	100
68) m/p-Xylenes	10.305	106	438274	103.897	ug/l	100
69) o-Xylene	10.640	106	219515	52.194	ug/l	100
70) Styrene	10.652	104	370510	53.998	ug/l	97
71) Bromoform	10.799	173	92998	55.472	ug/l #	99
73) Isopropylbenzene	10.963	105	569196	49.635	ug/l	99
74) N-amyl acetate	10.841	43	259022	51.798	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	212751	49.576	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	166771m	49.526	ug/l	
77) Bromobenzene	11.195	156	137770	50.695	ug/l	94
78) n-propylbenzene	11.305	91	673759	51.068	ug/l	99
79) 2-Chlorotoluene	11.366	91	405701	49.955	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	501260	52.010	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	55289	49.909	ug/l	93
82) 4-Chlorotoluene	11.457	91	468233	50.472	ug/l	98
83) tert-Butylbenzene	11.713	119	493982	51.020	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	500421	51.501	ug/l	99
85) sec-Butylbenzene	11.890	105	615178	51.466	ug/l	100
86) p-Isopropyltoluene	12.012	119	510698	52.140	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	260500	49.922	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	264337	49.291	ug/l	99
89) n-Butylbenzene	12.335	91	453777	51.152	ug/l	97
90) Hexachloroethane	12.536	117	87162	52.735	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	265518	50.859	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45513	51.651	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	153756	49.453	ug/l	97
94) Hexachlorobutadiene	13.725	225	63359	48.784	ug/l	98
95) Naphthalene	13.774	128	576577	51.194	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	158959	49.829	ug/l	98

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

