

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040410.D
 Acq On : 22 Feb 2024 20:47
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Feb 23 06:30:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:27:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	81329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	884	0.902	ug/l	89
3) Chloromethane	1.301	50	1223	1.104	ug/l #	68
4) Vinyl Chloride	1.374	62	1099	0.994	ug/l #	88
6) Chloroethane	1.685	64	666	1.000	ug/l	89
7) Trichlorofluoromethane	1.892	101	1791	1.016	ug/l #	74
8) Diethyl Ether	2.130	74	662	1.051	ug/l	68
9) 1,1,2-Trichlorotrifluo...	2.325	101	1009	1.083	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	833	0.927	ug/l #	93
14) Allyl chloride	2.654	41	1621	0.977	ug/l	94
15) Acrylonitrile	3.062	53	2812	4.685	ug/l	94
16) Acetone	2.374	43	2876	5.211	ug/l #	87
17) Carbon Disulfide	2.508	76	2518	1.019	ug/l #	83
18) Methyl Acetate	2.703	43	1312	0.918	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	2921	0.912	ug/l #	87
20) Methylene Chloride	2.782	84	1519	1.315	ug/l	85
21) trans-1,2-Dichloroethene	3.087	96	1087	1.072	ug/l	82
22) Diisopropyl ether	3.757	45	2841	0.866	ug/l	98
23) Vinyl Acetate	3.721	43	12724	4.249	ug/l	95
24) 1,1-Dichloroethane	3.611	63	1772	0.934	ug/l #	93
25) 2-Butanone	4.556	43	3790	4.405	ug/l #	89
26) 2,2-Dichloropropane	4.483	77	1188	0.959	ug/l #	61
27) cis-1,2-Dichloroethene	4.495	96	1021	0.903	ug/l	75
28) Bromochloromethane	4.904	49	1054m	1.191	ug/l	
29) Tetrahydrofuran	5.013	42	2651	4.628	ug/l #	82
30) Chloroform	5.099	83	2073	1.014	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	1569	0.927	ug/l #	41
36) 1,1-Dichloropropene	5.684	75	1520	1.007	ug/l	87
37) Ethyl Acetate	4.721	43	1559	0.904	ug/l #	84
38) Carbon Tetrachloride	5.678	117	1244	0.891	ug/l #	91
39) Methylcyclohexane	7.373	83	1362	0.852	ug/l	94
40) Benzene	6.031	78	3833	0.934	ug/l	93
41) Methacrylonitrile	4.922	41	807	0.882	ug/l #	80
42) 1,2-Dichloroethane	6.080	62	1501	0.880	ug/l	82
43) Isopropyl Acetate	6.330	43	2232	0.844	ug/l #	88
44) Trichloroethene	7.123	130	1064	0.991	ug/l	48
45) 1,2-Dichloropropane	7.434	63	1018	0.929	ug/l	89

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Manual Integrations
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46) Dibromomethane	7.586	93	786	0.956	ug/l	92
47) Bromodichloromethane	7.818	83	1334	0.872	ug/l #	94
48) Methyl methacrylate	7.708	41	907	0.692	ug/l #	67
49) 1,4-Dioxane	7.671	88	326m	12.348	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	7290	4.058	ug/l	97
52) Toluene	8.720	92	2064	0.821	ug/l	83
53) t-1,3-Dichloropropene	8.994	75	1265	0.820	ug/l #	70
54) cis-1,3-Dichloropropene	8.360	75	1375	0.837	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	959	0.890	ug/l	96
56) Ethyl methacrylate	9.122	69	1267	0.770	ug/l	94
57) 1,3-Dichloropropane	9.305	76	1866	0.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	3592	4.353	ug/l	92
59) 2-Hexanone	9.427	43	5329	3.846	ug/l	97
60) Dibromochloromethane	9.519	129	831	0.769	ug/l	97
61) 1,2-Dibromoethane	9.610	107	1021	0.882	ug/l	98
64) Tetrachloroethene	9.275	164	1043	1.054	ug/l #	93
65) Chlorobenzene	10.079	112	2423	0.890	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.153	131	758	0.796	ug/l #	55
67) Ethyl Benzene	10.189	91	4476	0.877	ug/l #	85
68) m/p-Xylenes	10.305	106	3196	1.717	ug/l	95
69) o-Xylene	10.640	106	1634	0.888	ug/l	85
70) Styrene	10.659	104	2362	0.779	ug/l	98
71) Bromoform	10.793	173	622	0.808	ug/l #	85
73) Isopropylbenzene	10.963	105	4002	0.891	ug/l	99
74) N-amyl acetate	10.848	43	1395	0.669	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	1322	0.823	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	1456m	1.031	ug/l	
77) Bromobenzene	11.201	156	1114	1.014	ug/l	90
78) n-propylbenzene	11.305	91	4936	0.889	ug/l	99
79) 2-Chlorotoluene	11.366	91	3220	0.972	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	3329	0.872	ug/l	92
82) 4-Chlorotoluene	11.457	91	3624	0.933	ug/l	94
83) tert-Butylbenzene	11.713	119	3172	0.881	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	3356	0.871	ug/l	99
85) sec-Butylbenzene	11.890	105	4163	0.869	ug/l	98
86) p-Isopropyltoluene	12.006	119	3301	0.862	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	2142	1.020	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	2425m	1.114	ug/l	
89) n-Butylbenzene	12.329	91	3459	0.918	ug/l	94
90) Hexachloroethane	12.542	117	471	0.768	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	2036	1.002	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	254	0.693	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	1277	0.977	ug/l	95
94) Hexachlorobutadiene	13.725	225	346	0.731	ug/l #	58
95) Naphthalene	13.774	128	3400	0.810	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	1177	0.935	ug/l	95

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

