

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041183.D
 Acq On : 22 Apr 2024 11:21
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 23 05:13:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:06:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	252043	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	348177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	14301	5.961	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	=	11.920%#	
35) Dibromofluoromethane	5.385	113	12125	5.725	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	11.440%#	
50) Toluene-d8	8.647	98	40848	5.717	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	=	11.440%#	
62) 4-Bromofluorobenzene	11.079	95	13832	5.244	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	=	10.480%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	9641	4.836	ug/l	95
3) Chloromethane	1.294	50	10933	5.066	ug/l	100
4) Vinyl Chloride	1.374	62	10552	4.889	ug/l	96
5) Bromomethane	1.599	94	6272	5.161	ug/l	98
6) Chloroethane	1.666	64	4440	5.415	ug/l	97
7) Trichlorofluoromethane	1.861	101	17518	5.238	ug/l	96
8) Diethyl Ether	2.136	74	6451	5.242	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.313	101	10959	5.570	ug/l	# 86
10) Methyl Iodide	2.441	142	11576	4.879	ug/l	89
11) Tert butyl alcohol	3.044	59	10074m	23.466	ug/l	
12) 1,1-Dichloroethene	2.306	96	10147	5.524	ug/l	83
13) Acrolein	2.239	56	12996	26.953	ug/l	98
14) Allyl chloride	2.660	41	15768	5.284	ug/l	96
15) Acrylonitrile	3.075	53	27182	24.748	ug/l	99
16) Acetone	2.392	43	23537	26.951	ug/l	# 88
17) Carbon Disulfide	2.501	76	17966	4.682	ug/l	99
18) Methyl Acetate	2.709	43	13793	5.339	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	33109	5.042	ug/l	99
20) Methylene Chloride	2.788	84	11324	5.309	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	10170	5.010	ug/l	84
22) Diisopropyl ether	3.770	45	32293	5.005	ug/l	92
23) Vinyl Acetate	3.727	43	134844	24.432	ug/l	96
24) 1,1-Dichloroethane	3.605	63	18626	5.165	ug/l	97
25) 2-Butanone	4.574	43	36709	24.613	ug/l	94
26) 2,2-Dichloropropane	4.477	77	14443	4.739	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	12168	4.836	ug/l	90
28) Bromochloromethane	4.904	49	8503	6.213	ug/l	# 77
29) Tetrahydrofuran	5.013	42	25089	24.692	ug/l	95
30) Chloroform	5.092	83	19508	5.040	ug/l	99
31) Cyclohexane	5.458	56	16130	4.995	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	16955	4.886	ug/l	97
36) 1,1-Dichloropropene	5.690	75	13440	4.960	ug/l	97
37) Ethyl Acetate	4.727	43	14415	4.848	ug/l	99
38) Carbon Tetrachloride	5.672	117	13984	4.620	ug/l	99
39) Methylcyclohexane	7.379	83	17460	4.858	ug/l	87
40) Benzene	6.037	78	41727	4.986	ug/l	96

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Instrument :
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 ClientSampleId :
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Quant Time: Apr 23 05:13:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
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Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	6947	4.488	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	14766	5.088	ug/l	95
43) Isopropyl Acetate	6.342	43	23207	4.845	ug/l	98
44) Trichloroethene	7.129	130	11249	4.623	ug/l	87
45) 1,2-Dichloropropane	7.434	63	10076	5.021	ug/l	99
46) Dibromomethane	7.580	93	7355	4.915	ug/l #	76
47) Bromodichloromethane	7.824	83	12999	4.713	ug/l	99
48) Methyl methacrylate	7.702	41	10589	4.674	ug/l	90
49) 1,4-Dioxane	7.683	88	5213	106.914	ug/l #	72
51) 4-Methyl-2-Pentanone	8.580	43	73654	24.569	ug/l	98
52) Toluene	8.720	92	24223	4.593	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	11148	4.121	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	13514	4.394	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	10075	4.896	ug/l	96
56) Ethyl methacrylate	9.122	69	13923	4.426	ug/l	97
57) 1,3-Dichloropropane	9.311	76	17229	5.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	37788	24.681	ug/l	91
59) 2-Hexanone	9.439	43	57170	24.869	ug/l	98
60) Dibromochloromethane	9.519	129	10412	4.383	ug/l	97
61) 1,2-Dibromoethane	9.610	107	11083	5.020	ug/l	95
64) Tetrachloroethene	9.269	164	11731	5.024	ug/l	93
65) Chlorobenzene	10.079	112	30604	4.884	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	10170	4.738	ug/l	98
67) Ethyl Benzene	10.195	91	49305	4.931	ug/l	97
68) m/p-Xylenes	10.299	106	39302	9.736	ug/l	93
69) o-Xylene	10.640	106	19486	4.963	ug/l	95
70) Styrene	10.659	104	30131	4.717	ug/l	95
71) Bromoform	10.805	173	7855	4.281	ug/l #	99
73) Isopropylbenzene	10.963	105	49418	5.054	ug/l	96
74) N-amyl acetate	10.848	43	18042	4.695	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	15738	5.103	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	14086m	5.563	ug/l	
77) Bromobenzene	11.201	156	14277	5.017	ug/l	78
78) n-propylbenzene	11.305	91	50901	4.821	ug/l	96
79) 2-Chlorotoluene	11.366	91	33785	5.056	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	40090	4.928	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	3384	3.770	ug/l	92
82) 4-Chlorotoluene	11.457	91	37291	4.925	ug/l	93
83) tert-Butylbenzene	11.713	119	43203	4.959	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	39838	4.934	ug/l	93
85) sec-Butylbenzene	11.890	105	49173	4.888	ug/l	96
86) p-Isopropyltoluene	12.006	119	42394	4.782	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	24825	4.857	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	26568	5.066	ug/l	99
89) n-Butylbenzene	12.329	91	28876	4.290	ug/l	97
90) Hexachloroethane	12.536	117	5694	3.894	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	24290	4.744	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2760	4.265	ug/l	70
93) 1,2,4-Trichlorobenzene	13.591	180	16300	4.592	ug/l	94
94) Hexachlorobutadiene	13.725	225	8434	4.650	ug/l	94
95) Naphthalene	13.774	128	45439	4.455	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	17103	4.574	ug/l	95

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QLast Update : Tue Apr 23 05:06:51 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

