

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040024.D
 Acq On : 30 Jan 2024 17:12
 Operator : JC/MD
 Sample : P1187-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Jan 31 06:42:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 06:40:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

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

Internal Standards						01/31/2024
1) Pentafluorobenzene	5.550	168	78263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	139421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63341	50.000	ug/l	0.00
System Monitoring Compounds						01/31/2024
33) 1,2-Dichloroethane-d4	5.952	65	67133	53.299	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.600%	
35) Dibromofluoromethane	5.379	113	46235	48.715	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.440%	
50) Toluene-d8	8.647	98	191765	54.029	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	11.079	95	68149	49.865	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	615	0.698	ug/l	97
3) Chloromethane	1.294	50	699	0.836	ug/l	99
4) Vinyl Chloride	1.374	62	647	0.837	ug/l	97
5) Bromomethane	1.605	94	596	0.793	ug/l #	77
6) Chloroethane	1.685	64	467	0.915	ug/l	90
7) Trichlorofluoromethane	1.892	101	1144	0.930	ug/l	95
8) Diethyl Ether	2.130	74	437	1.005	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	892	0.972	ug/l	89
10) Methyl Iodide	2.447	142	686	0.702	ug/l #	82
11) Tert butyl alcohol	2.953	59	1179	5.159	ug/l #	78
12) 1,1-Dichloroethene	2.325	96	646	0.734	ug/l	99
13) Acrolein	2.239	56	780	3.562	ug/l	90
14) Allyl chloride	2.660	41	1451	0.914	ug/l	98
15) Acrylonitrile	3.068	53	2524	4.409	ug/l	97
16) Acetone	2.380	43	2976	5.043	ug/l #	86
17) Carbon Disulfide	2.514	76	2603	1.011	ug/l	99
18) Methyl Acetate	2.709	43	912	0.652	ug/l #	80
19) Methyl tert-butyl Ether	3.117	73	2424	0.804	ug/l	98
20) Methylene Chloride	2.794	84	1086	1.035	ug/l #	81
21) trans-1,2-Dichloroethene	3.087	96	833	0.859	ug/l #	77
22) Diisopropyl ether	3.757	45	2552	0.830	ug/l #	57
23) Vinyl Acetate	3.739	43	9942	3.614	ug/l	95
24) 1,1-Dichloroethane	3.611	63	1579	0.897	ug/l #	83
25) 2-Butanone	4.574	43	3318	4.044	ug/l	90
26) 2,2-Dichloropropane	4.471	77	888m	0.647	ug/l	
27) cis-1,2-Dichloroethene	4.501	96	760	0.703	ug/l	90
28) Bromochloromethane	4.916	49	695	0.847	ug/l #	65
29) Tetrahydrofuran	5.025	42	2093	4.012	ug/l #	53
30) Chloroform	5.111	83	1478	0.782	ug/l	95
31) Cyclohexane	5.477	56	1213	0.769	ug/l #	73
32) 1,1,1-Trichloroethane	5.385	97	1413	0.871	ug/l #	37
36) 1,1-Dichloropropene	5.696	75	1288	0.938	ug/l #	89
37) Ethyl Acetate	4.727	43	1143	0.762	ug/l #	69
38) Carbon Tetrachloride	5.678	117	943	0.718	ug/l #	74
39) Methylcyclohexane	7.385	83	1366	0.818	ug/l #	77
40) Benzene	6.044	78	3404	0.851	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	527m	0.693	ug/l	
42) 1,2-Dichloroethane	6.105	62	1373m	0.892	ug/l	
43) Isopropyl Acetate	6.348	43	1717m	0.726	ug/l	
44) Trichloroethene	7.135	130	846m	0.804	ug/l	
45) 1,2-Dichloropropane	7.434	63	825	0.782	ug/l	94
46) Dibromomethane	7.586	93	634	0.800	ug/l	94
47) Bromodichloromethane	7.824	83	1083	0.767	ug/l #	96
48) Methyl methacrylate	7.708	41	827	0.710	ug/l #	78
49) 1,4-Dioxane	7.671	88	375	14.819	ug/l #	51
51) 4-Methyl-2-Pentanone	8.580	43	6360	3.941	ug/l	98
52) Toluene	8.726	92	2190	0.879	ug/l	87
53) t-1,3-Dichloropropene	8.988	75	985	0.673	ug/l	91
54) cis-1,3-Dichloropropene	8.379	75	1292	0.827	ug/l #	78
55) 1,1,2-Trichloroethane	9.153	97	805	0.780	ug/l #	82
56) Ethyl methacrylate	9.122	69	1025	0.681	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	1536	0.904	ug/l	89
58) 2-Chloroethyl Vinyl ether	8.250	63	2404	3.174	ug/l	97
59) 2-Hexanone	9.439	43	5202	4.043	ug/l	90
60) Dibromochloromethane	9.525	129	851	0.821	ug/l	93
61) 1,2-Dibromoethane	9.610	107	870	0.780	ug/l #	77
64) Tetrachloroethene	9.275	164	751	0.861	ug/l #	56
65) Chlorobenzene	10.073	112	2323	0.838	ug/l #	75
66) 1,1,1,2-Tetrachloroethane	10.165	131	642	0.686	ug/l #	65
67) Ethyl Benzene	10.195	91	3752	0.755	ug/l #	84
68) m/p-Xylenes	10.305	106	2722	1.455	ug/l	95
69) o-Xylene	10.646	106	1379	0.777	ug/l	94
70) Styrene	10.659	104	2133	0.713	ug/l	94
71) Bromoform	10.805	173	519	0.725	ug/l #	89
73) Isopropylbenzene	10.963	105	3518	0.773	ug/l	95
74) N-amyl acetate	10.841	43	1304	0.630	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	1232	0.720	ug/l	94
76) 1,2,3-Trichloropropane	11.238	75	1046m	0.775	ug/l	
77) Bromobenzene	11.195	156	845	0.805	ug/l	93
78) n-propylbenzene	11.305	91	4660	0.833	ug/l	95
79) 2-Chlorotoluene	11.366	91	2863	0.850	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	3090	0.790	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	144m	0.333	ug/l	
82) 4-Chlorotoluene	11.457	91	3576	0.925	ug/l	95
83) tert-Butylbenzene	11.713	119	3250	0.869	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	2961	0.759	ug/l	96
85) sec-Butylbenzene	11.890	105	3745	0.756	ug/l	97
86) p-Isopropyltoluene	12.012	119	3086	0.762	ug/l	89
87) 1,3-Dichlorobenzene	11.969	146	2004	0.947	ug/l	89
88) 1,4-Dichlorobenzene	12.042	146	2035m	0.939	ug/l	
89) n-Butylbenzene	12.335	91	3028	0.771	ug/l	97
90) Hexachloroethane	12.536	117	364	0.569	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	1662	0.814	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	284	0.733	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	999	0.783	ug/l	92
94) Hexachlorobutadiene	13.719	225	381	0.758	ug/l	96
95) Naphthalene	13.780	128	3302	0.762	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1014	0.804	ug/l	94

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 Yesilyurt

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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

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Supervised By :Semsettin
Yesilyurt

01/31/2024

