

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036629.D
 Acq On : 24 Jul 2023 14:35
 Operator : JC/MD
 Sample : 03572-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Quant Time: Jul 25 08:00:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 07/25/2023

Supervised By :Mahesh
 Dadoda
 07/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	173681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	301837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128409	49.967	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.940%		
35) Dibromofluoromethane	5.385	113	102912	49.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.200%		
50) Toluene-d8	8.647	98	363957	49.469	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.940%		
62) 4-Bromofluorobenzene	11.079	95	138280	49.817	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1653	0.720	ug/l	98
3) Chloromethane	1.294	50	1796	0.861	ug/l	92
4) Vinyl Chloride	1.374	62	1623	0.764	ug/l	94
5) Bromomethane	1.611	94	1533	1.209	ug/l #	72
6) Chloroethane	1.685	64	959	0.928	ug/l	93
7) Trichlorofluoromethane	1.886	101	2517	0.767	ug/l	94
8) Diethyl Ether	2.130	74	1016	0.800	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	1405	0.713	ug/l	100
10) Methyl Iodide	2.453	142	1296	0.633	ug/l #	91
11) Tert butyl alcohol	2.995	59	2481	4.078	ug/l #	87
12) 1,1-Dichloroethene	2.325	96	1617	0.831	ug/l #	76
13) Acrolein	2.239	56	1596	4.597	ug/l	90
14) Allyl chloride	2.666	41	2949	0.770	ug/l	92
15) Acrylonitrile	3.075	53	4842	3.957	ug/l	95
16) Acetone	2.386	43	4682	4.390	ug/l	98
17) Carbon Disulfide	2.514	76	4575	0.852	ug/l #	92
18) Methyl Acetate	2.709	43	3757	0.837	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	5799	0.793	ug/l	97
20) Methylene Chloride	2.788	84	2391	1.008	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	1561	0.718	ug/l	98
22) Diisopropyl ether	3.757	45	5550	0.763	ug/l #	59
23) Vinyl Acetate	3.727	43	20328	3.645	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	3073	0.754	ug/l #	91
25) 2-Butanone	4.574	43	6613	3.822	ug/l	96
26) 2,2-Dichloropropane	4.477	77	2777	0.723	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	1830	0.709	ug/l	92
28) Bromochloromethane	4.910	49	1471	0.746	ug/l #	98
29) Tetrahydrofuran	5.019	42	4060	3.640	ug/l #	89
30) Chloroform	5.105	83	3424	0.821	ug/l	89
31) Cyclohexane	5.477	56	2963	0.833	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	2955	0.773	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	2223	0.719	ug/l	93
37) Ethyl Acetate	4.727	43	2494	0.713	ug/l #	94
38) Carbon Tetrachloride	5.672	117	2464	0.750	ug/l	89
39) Methylcyclohexane	7.385	83	2845	0.740	ug/l #	84
40) Benzene	6.044	78	6575	0.731	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036629.D
 Acq On : 24 Jul 2023 14:35
 Operator : JC/MD
 Sample : 03572-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Quant Time: Jul 25 08:00:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 07/25/2023

Supervised By :Mahesh
 Dadoda
 07/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	1445	0.772	ug/l #	72
42) 1,2-Dichloroethane	6.092	62	2749	0.836	ug/l	93
43) Isopropyl Acetate	6.355	43	4646	0.771	ug/l	98
44) Trichloroethene	7.129	130	1611	0.685	ug/l	83
45) 1,2-Dichloropropane	7.440	63	1696	0.706	ug/l	93
46) Dibromomethane	7.592	93	1308	0.778	ug/l	97
47) Bromodichloromethane	7.830	83	2610	0.756	ug/l	99
48) Methyl methacrylate	7.696	41	1887	0.673	ug/l #	79
49) 1,4-Dioxane	7.714	88	781	13.798	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	13063	3.918	ug/l	99
52) Toluene	8.720	92	4212	0.747	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	2665	0.683	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	2881	0.700	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	1723	0.727	ug/l #	90
56) Ethyl methacrylate	9.122	69	2859	0.741	ug/l	97
57) 1,3-Dichloropropane	9.311	76	2848	0.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	6802	3.578	ug/l	100
59) 2-Hexanone	9.433	43	9165	3.704	ug/l	96
60) Dibromochloromethane	9.525	129	1800	0.691	ug/l	100
61) 1,2-Dibromoethane	9.610	107	1822	0.742	ug/l	99
64) Tetrachloroethene	9.275	164	1505	0.743	ug/l	92
65) Chlorobenzene	10.079	112	4413	0.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	1734	0.749	ug/l #	65
67) Ethyl Benzene	10.195	91	8022	0.734	ug/l	94
68) m/p-Xylenes	10.305	106	5810	1.424	ug/l	96
69) o-Xylene	10.640	106	3006	0.738	ug/l	95
70) Styrene	10.659	104	4748	0.707	ug/l	96
71) Bromoform	10.799	173	1393	0.744	ug/l #	92
73) Isopropylbenzene	10.963	105	7349	0.703	ug/l	96
74) N-amyl acetate	10.842	43	3446	0.706	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	2689	0.761	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	2165m	0.728	ug/l	
77) Bromobenzene	11.195	156	1785	0.749	ug/l	99
78) n-propylbenzene	11.305	91	8984	0.743	ug/l	97
79) 2-Chlorotoluene	11.366	91	5319	0.726	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	6332	0.724	ug/l	100
82) 4-Chlorotoluene	11.457	91	6030	0.722	ug/l	100
83) tert-Butylbenzene	11.713	119	6426	0.747	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	5800	0.663	ug/l	90
85) sec-Butylbenzene	11.890	105	7410	0.691	ug/l	98
86) p-Isopropyltoluene	12.006	119	6499	0.737	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	3228	0.732	ug/l	99
88) 1,4-Dichlorobenzene	11.969	146	3228	0.737	ug/l	98
89) n-Butylbenzene	12.335	91	5083	0.644	ug/l	99
90) Hexachloroethane	12.536	117	1170	0.654	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	2976	0.699	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	564	0.687	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	1795	0.684	ug/l	97
94) Hexachlorobutadiene	13.719	225	709	0.653	ug/l	91
95) Naphthalene	13.774	128	6138	0.671	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1661	0.642	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
Data File : VX036629.D
Acq On : 24 Jul 2023 14:35
Operator : JC/MD
Sample : 03572-09 0.75PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 25 08:00:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/25/2023

Supervised By :Mahesh
Dadoda
07/25/2023

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

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

