

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043035.D
 Acq On : 14 Aug 2024 16:43
 Operator : JC/MD
 Sample : P3390-07 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Quant Time: Aug 15 04:57:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:57:27 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	126661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230944	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87961	52.850	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.700%			
35) Dibromofluoromethane	5.385	113	73461	51.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.840%			
50) Toluene-d8	8.647	98	273021	49.504	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.000%			
62) 4-Bromofluorobenzene	11.079	95	90190	45.100	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.200%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	615	0.324	ug/l	95
4) Vinyl Chloride	1.374	62	418	0.220	ug/l #	85
5) Bromomethane	1.593	94	690	1.196	ug/l #	69
6) Chloroethane	1.666	64	186	0.310	ug/l	95
7) Trichlorofluoromethane	1.868	101	489	0.246	ug/l	93
8) Diethyl Ether	2.136	74	238	0.258	ug/l #	45
9) 1,1,2-Trichlorotrifluo...	2.319	101	342	0.240	ug/l #	85
11) Tert butyl alcohol	2.995	59	463m	1.078	ug/l	
12) 1,1-Dichloroethene	2.313	96	471	0.308	ug/l	82
13) Acrolein	2.239	56	734m	1.691	ug/l	
14) Allyl chloride	2.654	41	733m	0.256	ug/l	
15) Acrylonitrile	3.087	53	1132	1.064	ug/l #	96
16) Acetone	2.392	43	1248	1.512	ug/l	99
17) Carbon Disulfide	2.502	76	1913	0.437	ug/l #	84
18) Methyl Acetate	2.715	43	687	0.252	ug/l	96
20) Methylene Chloride	2.782	84	1266	0.663	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	451	0.283	ug/l #	64
23) Vinyl Acetate	3.739	43	6691m	0.982	ug/l	
25) 2-Butanone	4.629	43	1653m	1.142	ug/l	
26) 2,2-Dichloropropane	4.465	77	516	0.220	ug/l #	54
27) cis-1,2-Dichloroethene	4.495	96	516	0.268	ug/l	28
29) Tetrahydrofuran	5.056	42	1250m	1.246	ug/l	
30) Chloroform	5.099	83	669	0.236	ug/l	97
31) Cyclohexane	5.465	56	864	0.312	ug/l #	87
32) 1,1,1-Trichloroethane	5.391	97	503	0.213	ug/l #	23
36) 1,1-Dichloropropene	5.702	75	552m	0.278	ug/l	
38) Carbon Tetrachloride	5.672	117	530	0.264	ug/l #	62
39) Methylcyclohexane	7.379	83	670	0.244	ug/l #	80
40) Benzene	6.050	78	1359	0.201	ug/l	93
41) Methacrylonitrile	4.940	41	406m	0.276	ug/l	
42) 1,2-Dichloroethane	6.111	62	456	0.232	ug/l #	77
44) Trichloroethene	7.141	130	356	0.232	ug/l	41
48) Methyl methacrylate	7.751	41	447m	0.222	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	2622m	0.915	ug/l	
52) Toluene	8.720	92	862	0.211	ug/l	90
54) cis-1,3-Dichloropropene	8.379	75	547	0.206	ug/l #	86

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58) 2-Chloroethyl Vinyl ether	8.269	63	900	0.660	ug/l	99
59) 2-Hexanone	9.452	43	2199m	0.998	ug/l	
64) Tetrachloroethene	9.275	164	337	0.273	ug/l #	84
65) Chlorobenzene	10.080	112	936	0.227	ug/l #	88
67) Ethyl Benzene	10.195	91	1652	0.230	ug/l	93
68) m/p-Xylenes	10.305	106	1234	0.447	ug/l	94
71) Bromoform	10.805	173	286	0.247	ug/l #	90
73) Isopropylbenzene	10.964	105	1311	0.215	ug/l	93
74) N-amyl acetate	10.854	43	730	0.210	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	11.220	83	542	0.231	ug/l #	77
76) 1,2,3-Trichloropropane	11.244	75	427m	0.233	ug/l	
77) Bromobenzene	11.201	156	349	0.238	ug/l	88
78) n-propylbenzene	11.305	91	1550	0.223	ug/l	93
79) 2-Chlorotoluene	11.366	91	1258	0.291	ug/l	91
80) 1,3,5-Trimethylbenzene	11.457	105	1122	0.223	ug/l	96
82) 4-Chlorotoluene	11.463	91	1364	0.283	ug/l	97
83) tert-Butylbenzene	11.719	119	1070	0.206	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	1281	0.253	ug/l	98
85) sec-Butylbenzene	11.896	105	1309	0.207	ug/l	99
86) p-Isopropyltoluene	12.012	119	1269	0.246	ug/l #	80
87) 1,3-Dichlorobenzene	11.976	146	794	0.301	ug/l	89
88) 1,4-Dichlorobenzene	12.043	146	861m	0.319	ug/l	
89) n-Butylbenzene	12.335	91	954	0.214	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	605	0.228	ug/l	92
93) 1,2,4-Trichlorobenzene	13.597	180	437	0.292	ug/l	90
95) Naphthalene	13.780	128	1911	0.324	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.969	180	500	0.327	ug/l	90

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

