Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
Data File : VW024531.D
Acq On : 02 Sep 2022 14:17
Operator : SY/VA
Sample : N4483-04MS
Misc : 4.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW353MS

Quant Time: Sep 03 00:03:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 02 23:58:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	400094	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	366028	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	160439	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	214972	26.921	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.680%			
7) Chloroethane-d5	2.873	69	158837	26.716	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.880%			
11) 1,1-Dichloroethene-d2	4.013	63	218606	23.250	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.000%			
21) 2-Butanone-d5	7.080	46	48984	38.899	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.800%			
24) Chloroform-d	7.647	84	247125	23.196	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.800%			
26) 1,2-Dichloroethane-d4	8.305	65	132611	23.049	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.200%			
32) Benzene-d6	8.269	84	477538	25.010	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.040%			
36) 1,2-Dichloropropane-d6	9.275	67	136868	24.498	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.000%			
41) Toluene-d8	10.323	98	458028	25.189	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.760%			
43) trans-1,3-Dichloroprop...	10.579	79	55717	22.861	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.440%			
47) 2-Hexanone-d5	10.921	63	40368	42.183	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.360%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	113075	22.263	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.040%			
66) 1,2-Dichlorobenzene-d4	13.853	152	115769	22.058	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.002	85	32592	28.548	ug/L	98
3) Chloromethane	2.215	50	130864	23.490	ug/L	100
5) Vinyl chloride	2.349	62	223637	22.616	ug/L	98
6) Bromomethane	2.770	94	125554	18.719	ug/L	100
8) Chloroethane	2.910	64	124308	23.771	ug/L	97
9) Trichlorofluoromethane	3.245	101	126033	33.756	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	114046	20.386	ug/L #	85
12) 1,1-Dichloroethene	4.032	96	100906	20.421	ug/L	92
13) Acetone	4.123	43	34609	35.316	ug/L	97
14) Carbon disulfide	4.373	76	269169	19.817	ug/L	98
15) Methyl Acetate	4.666	43	36451	15.295	ug/L	98
16) Methylene chloride	4.910	84	121929	21.528	ug/L	96
17) trans-1,2-Dichloroethene	5.416	96	118497	21.624	ug/L	99
18) Methyl tert-butyl Ether	5.416	73	214631	22.595	ug/L	100
19) 1,1-Dichloroethane	6.214	63	216578	21.824	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	130797	21.977	ug/L	95
22) 2-Butanone	7.171	43	66881	41.740	ug/L	99
23) Bromochloromethane	7.513	128	59419	21.470	ug/L	84
25) Chloroform	7.671	83	239481	21.980	ug/L	95

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Quant Title : SFAM01.0
QLast Update : Fri Sep 02 23:58:31 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	156341	21.845	ug/L		96
29) Cyclohexane	7.952	56	160963	21.180	ug/L		98
30) 1,1,1-Trichloroethane	7.866	97	191696	23.153	ug/L		98
31) Carbon tetrachloride	8.067	117	167874	22.362	ug/L		99
33) Benzene	8.317	78	507719	23.326	ug/L		100
34) Trichloroethene	9.086	95	126106	21.827	ug/L		99
35) Methylcyclohexane	9.329	83	168897	18.474	ug/L		99
37) 1,2-Dichloropropane	9.366	63	125386	23.906	ug/L		100
38) Bromodichloromethane	9.640	83	175212	23.633	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	167359	21.194	ug/L		96
40) 4-Methyl-2-pentanone	10.207	43	145317	44.551	ug/L		99
42) Toluene	10.384	91	554891	23.412	ug/L		92
44) trans-1,3-Dichloropropene	10.604	75	152411	21.517	ug/L		98
45) 1,1,2-Trichloroethane	10.787	97	101667	23.216	ug/L		97
46) Tetrachloroethene	10.860	164	88453	20.950	ug/L		93
48) 2-Hexanone	10.969	43	94096	43.359	ug/L		99
49) Dibromochloromethane	11.128	129	117710	22.877	ug/L		100
50) 1,2-Dibromoethane	11.232	107	92904	22.401	ug/L		92
51) Chlorobenzene	11.652	112	349466	21.727	ug/L		96
52) Ethylbenzene	11.731	91	590139	22.243	ug/L		98
53) m,p-Xylene	11.835	106	226815	21.860	ug/L		97
54) o-Xylene	12.164	106	222660	22.417	ug/L		95
55) Styrene	12.177	104	374790	21.723	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.713	83	118053	21.784	ug/L		96
59) Bromoform	12.347	173	58999	25.329	ug/L		98
60) Isopropylbenzene	12.463	105	562183	24.787	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	86320	26.652	ug/L		99
62) 1,3,5-Trimethylbenzene	12.939	105	455065	24.322	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	449374	24.541	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	220005	21.777	ug/L		93
65) 1,4-Dichlorobenzene	13.573	146	227884	22.017	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	199473	21.386	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16659	22.725	ug/L	#	85
69) 1,3,5-Trichlorobenzene	14.627	180	107047	16.482	ug/L		99
70) 1,2,4-trichlorobenzene	15.133	180	70897	14.275	ug/L		98
71) Naphthalene	15.359	128	178692	17.018	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	61006	13.620	ug/L		94

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

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