Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060524\
Data File : VW029022.D
Acq On : 05 Jun 2024 15:36
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

Quant Time: Jun 06 00:33:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 05 23:49:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	316853	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	287946	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	141356	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	118270	23.496	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.000%			
7) Chloroethane-d5	2.899	69	91904	23.776	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.120%			
11) 1,1-Dichloroethene-d2	4.021	65	52015	23.511	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.040%			
21) 2-Butanone-d5	7.075	46	45086	43.839	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.680%			
24) Chloroform-d	7.648	84	216566	23.958	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.840%			
26) 1,2-Dichloroethane-d4	8.300	65	111742	23.480	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.920%			
32) Benzene-d6	8.276	84	438397	24.806	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.240%			
36) 1,2-Dichloropropane-d6	9.270	67	133067	24.833	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.320%			
41) Toluene-d8	10.318	98	396593	25.147	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.600%			
43) trans-1,3-Dichloroprop...	10.574	79	48453	23.532	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.120%			
47) 2-Hexanone-d5	10.922	63	32183	45.512	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.020%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86136	23.139	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.560%			
66) 1,2-Dichlorobenzene-d4	13.848	152	119837	23.890	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	67421	18.634	ug/L	94
3) Chloromethane	2.222	50	100566	22.751	ug/L	99
5) Vinyl chloride	2.375	62	117344	21.931	ug/L	99
6) Bromomethane	2.789	94	74181	23.139	ug/L	95
8) Chloroethane	2.936	64	75570	23.387	ug/L	98
9) Trichlorofluoromethane	3.265	101	89010	20.013	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	97193	22.147	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	95153	23.758	ug/L	96
13) Acetone	4.118	43	49998	46.390	ug/L	99
14) Carbon disulfide	4.393	76	310868	22.926	ug/L	100
15) Methyl Acetate	4.667	43	39632	22.140	ug/L	99
16) Methylene chloride	4.923	84	108900	22.900	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	104450	23.919	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	137178	22.528	ug/L	99
19) 1,1-Dichloroethane	6.216	63	207916	24.218	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	111330	24.319	ug/L	93
22) 2-Butanone	7.167	43	57816	44.518	ug/L	99
23) Bromochloromethane	7.514	128	47300	23.669	ug/L	95
25) Chloroform	7.673	83	201776	24.198	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132983	23.798	ug/L		99
29) Cyclohexane	7.953	56	176594	24.667	ug/L		100
30) 1,1,1-Trichloroethane	7.868	97	160661	24.081	ug/L		99
31) Carbon tetrachloride	8.069	117	144191	23.727	ug/L		95
33) Benzene	8.325	78	456919	25.520	ug/L		100
34) Trichloroethene	9.087	95	116846	24.823	ug/L		96
35) Methylcyclohexane	9.337	83	194774	24.392	ug/L		99
37) 1,2-Dichloropropane	9.367	63	117019	24.958	ug/L		100
38) Bromodichloromethane	9.642	83	139110	24.328	ug/L	#	98
39) cis-1,3-Dichloropropene	10.068	75	169456	24.869	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	110863	46.487	ug/L		98
42) Toluene	10.386	91	475666	26.006	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	131739	23.982	ug/L		97
45) 1,1,2-Trichloroethane	10.782	97	71811	22.678	ug/L		95
46) Tetrachloroethene	10.861	164	86976	24.320	ug/L		88
48) 2-Hexanone	10.965	43	82005	45.864	ug/L		99
49) Dibromochloromethane	11.129	129	79089	23.647	ug/L		90
50) 1,2-Dibromoethane	11.233	107	67721	23.428	ug/L		98
51) Chlorobenzene	11.654	112	294998	25.107	ug/L		95
52) Ethylbenzene	11.727	91	540490	26.008	ug/L		99
53) m,p-Xylene	11.836	106	199439	25.910	ug/L		97
54) o-Xylene	12.166	106	186929	26.227	ug/L		94
55) Styrene	12.178	104	315446	25.671	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	82872	23.183	ug/L		99
59) Bromoform	12.342	173	41016	22.565	ug/L		98
60) Isopropylbenzene	12.458	105	530242	26.505	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	59935	22.478	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	383350	26.347	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	408545	26.568	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	218363	25.400	ug/L		98
65) 1,4-Dichlorobenzene	13.574	146	213379	23.765	ug/L		91
67) 1,2-Dichlorobenzene	13.867	146	189380	24.578	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	12159	21.395	ug/L		86
69) 1,3,5-Trichlorobenzene	14.623	180	145351	24.624	ug/L		96
70) 1,2,4-trichlorobenzene	15.122	180	105863	22.128	ug/L		94
71) Naphthalene	15.360	128	184815	22.674	ug/L		98
72) 1,2,3-Trichlorobenzene	15.549	180	96055	23.500	ug/L		98

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

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