Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
Data File : VW030889.D
Acq On : 01 Nov 2024 16:35
Operator : SY/MD
Sample : P4603-02MS
Misc : 5.25g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EC8MS

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/04/2024
Supervised By :Mahesh Dadoda 11/05/2024

Quant Time: Nov 04 00:55:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 01 03:09:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.843	114	518379	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.629	117	440383	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	200367	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.363	65	160187	19.659 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.640%		
7) Chloroethane-d5	2.905	69	147722	23.951 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.800%		
11) 1,1-Dichloroethene-d2	4.015	65	69376	20.471 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.880%		
21) 2-Butanone-d5	7.075	46	37769	25.757 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 51.520%		
24) Chloroform-d	7.648	84	351972	23.742 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.960%		
26) 1,2-Dichloroethane-d4	8.307	65	175996	22.831 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.320%		
32) Benzene-d6	8.276	84	646934	25.311 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.240%		
36) 1,2-Dichloropropane-d6	9.270	67	190323	25.370 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.480%		
41) Toluene-d8	10.319	98	560100	24.004 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.000%		
43) trans-1,3-Dichloroprop...	10.575	79	64957	20.678 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.720%		
47) 2-Hexanone-d5	10.922	63	31183	32.272 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.540%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132929	24.127 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.520%		
66) 1,2-Dichlorobenzene-d4	13.849	152	155969	23.006 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.040%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.015	85	142985m	21.589 ug/L	
3) Chloromethane	2.223	50	157476	20.458 ug/L	98
5) Vinyl chloride	2.375	62	183346	19.368 ug/L	99
6) Bromomethane	2.790	94	112507	18.057 ug/L	100
8) Chloroethane	2.936	64	115084	19.887 ug/L	97
9) Trichlorofluoromethane	3.271	101	157277	18.568 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	138829	18.218 ug/L	98
12) 1,1-Dichloroethene	4.045	96	133872	19.249 ug/L	93
13) Acetone	4.119	43	51561	24.018 ug/L	90
14) Carbon disulfide	4.393	76	380757	16.765 ug/L	100
15) Methyl Acetate	4.673	43	34785	13.117 ug/L	97
16) Methylene chloride	4.923	84	141253	18.024 ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	146771	19.557 ug/L	95
18) Methyl tert-butyl Ether	5.429	73	200707	19.109 ug/L	98
19) 1,1-Dichloroethane	6.216	63	273981	19.643 ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	154096	19.251 ug/L	94
22) 2-Butanone	7.173	43	67285	29.076 ug/L	95
23) Bromochloromethane	7.514	128	65820	18.796 ug/L	98
25) Chloroform	7.679	83	291214	19.537 ug/L	99

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QLast Update : Fri Nov 01 03:09:59 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	176512	17.950	ug/L	99
29) Cyclohexane	7.953	56	211636	19.742	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	235575	20.151	ug/L	97
31) Carbon tetrachloride	8.069	117	204921	19.626	ug/L	100
33) Benzene	8.325	78	592386	20.671	ug/L	100
34) Trichloroethene	9.093	95	158937	19.935	ug/L	95
35) Methylcyclohexane	9.337	83	218918	17.447	ug/L	99
37) 1,2-Dichloropropane	9.368	63	150463	21.022	ug/L	99
38) Bromodichloromethane	9.642	83	198168	20.810	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	184331	17.074	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	121235	35.258	ug/L	99
42) Toluene	10.386	91	633934	20.734	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	167416	18.454	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	101034	19.531	ug/L	96
46) Tetrachloroethene	10.861	164	104911	17.841	ug/L	92
48) 2-Hexanone	10.965	43	92983	33.067	ug/L	93
49) Dibromochloromethane	11.123	129	111380	19.297	ug/L	99
50) 1,2-Dibromoethane	11.233	107	91794	19.017	ug/L	99
51) Chlorobenzene	11.654	112	367801	18.688	ug/L	94
52) Ethylbenzene	11.727	91	643490	18.445	ug/L	98
53) m,p-Xylene	11.837	106	241668	18.490	ug/L	100
54) o-Xylene	12.160	106	228348	18.898	ug/L	88
55) Styrene	12.178	104	399449	19.337	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	111431	19.102	ug/L	100
59) Bromoform	12.349	173	56583	20.100	ug/L	100
60) Isopropylbenzene	12.459	105	588553	18.968	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	77576	19.897	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	459994	18.791	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	462725	19.306	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	257182	19.042	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	259018	18.573	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	235983	19.855	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	16098	18.517	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	127051	14.265	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	107467	14.988	ug/L	99
71) Naphthalene	15.360	128	208386	16.822	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	90749	14.600	ug/L	99

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

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