Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
Data File : VW030537.D
Acq On : 11 Oct 2024 03:08
Operator : SY/MD
Sample : P4360-07MSD
Misc : 5.16g/10mL/MSVOA_W/SOIL/A
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4FC8MSD

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024

Quant Time: Oct 11 04:58:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 11 02:35:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	483227	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	425834	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	187619	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	148720	19.580	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.320%			
7) Chloroethane-d5	2.899	69	130369	22.675	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.680%			
11) 1,1-Dichloroethene-d2	4.021	65	63554	20.117	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.480%			
21) 2-Butanone-d5	7.075	46	50659	37.061	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.120%			
24) Chloroform-d	7.648	84	301281	21.801	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.200%			
26) 1,2-Dichloroethane-d4	8.306	65	158178	22.012	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.040%			
32) Benzene-d6	8.276	84	558902	22.614	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.440%			
36) 1,2-Dichloropropane-d6	9.270	67	167527	23.094	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.360%			
41) Toluene-d8	10.318	98	515116	22.831	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.320%			
43) trans-1,3-Dichloroprop...	10.574	79	68221	22.459	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.840%			
47) 2-Hexanone-d5	10.922	63	43281	46.323	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.640%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	118437	22.231	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.920%			
66) 1,2-Dichlorobenzene-d4	13.848	152	139312	21.945	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	82411	13.348	ug/L	91
3) Chloromethane	2.228	50	114734	15.989	ug/L	95
5) Vinyl chloride	2.375	62	130420	14.780	ug/L	98
6) Bromomethane	2.789	94	89095	15.340	ug/L	93
8) Chloroethane	2.935	64	87859	16.287	ug/L	97
9) Trichlorofluoromethane	3.265	101	109972	13.928	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	104270	14.678	ug/L	93
12) 1,1-Dichloroethene	4.051	96	98707m	15.225	ug/L	
13) Acetone	4.124	43	37407	18.692	ug/L	96
14) Carbon disulfide	4.399	76	271703	12.834	ug/L	99
15) Methyl Acetate	4.673	43	37026	14.978	ug/L	100
16) Methylene chloride	4.923	84	105168	14.396	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	107969	15.433	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	166562	17.012	ug/L	99
19) 1,1-Dichloroethane	6.215	63	210237	16.169	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	120379	16.133	ug/L	97
22) 2-Butanone	7.172	43	49868	23.117	ug/L	99
23) Bromochloromethane	7.514	128	51481	15.771	ug/L	90
25) Chloroform	7.678	83	220292	15.854	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	144662	15.781	ug/L	99
29) Cyclohexane	7.953	56	166924	16.103	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	172169	15.231	ug/L	98
31) Carbon tetrachloride	8.069	117	152982	15.152	ug/L	97
33) Benzene	8.325	78	462166	16.678	ug/L	100
34) Trichloroethene	9.093	95	117331	15.219	ug/L	96
35) Methylcyclohexane	9.337	83	180732	14.896	ug/L	99
37) 1,2-Dichloropropane	9.367	63	117850	17.028	ug/L	100
38) Bromodichloromethane	9.642	83	150281	16.320	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	173591	16.628	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	117757	35.416	ug/L	100
42) Toluene	10.385	91	482795	16.331	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	140969	16.069	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	82091	16.412	ug/L	97
46) Tetrachloroethene	10.861	164	83367	14.661	ug/L	94
48) 2-Hexanone	10.964	43	81519	29.981	ug/L	94
49) Dibromochloromethane	11.129	129	85753	15.364	ug/L	99
50) 1,2-Dibromoethane	11.233	107	75409	16.156	ug/L	95
51) Chlorobenzene	11.653	112	291361	15.310	ug/L	98
52) Ethylbenzene	11.726	91	516381	15.307	ug/L	96
53) m,p-Xylene	11.836	106	196157	15.521	ug/L	97
54) o-Xylene	12.165	106	185552	15.881	ug/L	92
55) Styrene	12.178	104	316562	15.848	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	92532	16.404	ug/L	96
59) Bromoform	12.342	173	45677	17.328	ug/L	100
60) Isopropylbenzene	12.458	105	510289	17.563	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65024	17.811	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	389712	17.001	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	380830	16.968	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	197681	15.631	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	200657	15.366	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	180176	16.190	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	13886	17.058	ug/L	96
69) 1,3,5-Trichlorobenzene	14.628	180	110981	13.307	ug/L	93
70) 1,2,4-trichlorobenzene	15.128	180	85639	12.756	ug/L	96
71) Naphthalene	15.360	128	187273	16.145	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	76186	13.090	ug/L	99

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

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