Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
Data File : VW030892.D
Acq On : 01 Nov 2024 17:47
Operator : SY/MD
Sample : P4585-08MSD
Misc : 5.16g/10mL/MSVOA_W/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EE0MSD

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

Quant Time: Nov 04 00:55:41 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	559741	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	457110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	190834	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	191898	21.811	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.240%			
7) Chloroethane-d5	2.899	69	165139	24.796	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.200%			
11) 1,1-Dichloroethene-d2	4.021	65	82044	22.420	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.680%			
21) 2-Butanone-d5	7.075	46	62957	39.762	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.520%			
24) Chloroform-d	7.648	84	393628	24.590	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.360%			
26) 1,2-Dichloroethane-d4	8.307	65	193049	23.192	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.760%			
32) Benzene-d6	8.276	84	724563	27.310	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.240%			
36) 1,2-Dichloropropane-d6	9.270	67	216344	27.783	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.120%			
41) Toluene-d8	10.325	98	596861	24.644	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.560%			
43) trans-1,3-Dichloroprop...	10.574	79	82500	25.301	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.200%			
47) 2-Hexanone-d5	10.922	63	51480	51.328	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.660%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	146635	25.641	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.560%			
66) 1,2-Dichlorobenzene-d4	13.848	152	169173	26.200	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	129211	18.068	ug/L	99
3) Chloromethane	2.228	50	164322	19.770	ug/L	99
5) Vinyl chloride	2.375	62	188260	18.418	ug/L	97
6) Bromomethane	2.789	94	120785	17.953	ug/L	98
8) Chloroethane	2.936	64	112731	18.041	ug/L	99
9) Trichlorofluoromethane	3.271	101	169438	18.526	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	142559	17.325	ug/L #	70
12) 1,1-Dichloroethene	4.039	96	139684m	18.600	ug/L	
13) Acetone	4.118	43	47513	20.497	ug/L	98
14) Carbon disulfide	4.393	76	422897	17.245	ug/L	100
15) Methyl Acetate	4.679	43	44003	15.367	ug/L	99
16) Methylene chloride	4.917	84	144076	17.026	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	150238	18.540	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	215308	18.984	ug/L	98
19) 1,1-Dichloroethane	6.216	63	281815	18.712	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	161348	18.667	ug/L	96
22) 2-Butanone	7.173	43	62430	24.985	ug/L	99
23) Bromochloromethane	7.514	128	68288	18.060	ug/L	94
25) Chloroform	7.679	83	291390	18.105	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	176262	16.600	ug/L		97
29) Cyclohexane	7.953	56	229303	20.608	ug/L		96
30) 1,1,1-Trichloroethane	7.874	97	241049	19.865	ug/L		98
31) Carbon tetrachloride	8.069	117	212980	19.651	ug/L		100
33) Benzene	8.325	78	610160	20.512	ug/L		100
34) Trichloroethene	9.093	95	157374	19.016	ug/L		97
35) Methylcyclohexane	9.337	83	249625	19.166	ug/L		100
37) 1,2-Dichloropropane	9.367	63	152750	20.560	ug/L		100
38) Bromodichloromethane	9.642	83	196896	19.920	ug/L		98
39) cis-1,3-Dichloropropene	10.068	75	223266	19.923	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	138509	38.807	ug/L		98
42) Toluene	10.386	91	633757	19.970	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	182588	19.390	ug/L		99
45) 1,1,2-Trichloroethane	10.782	97	103864	19.344	ug/L		97
46) Tetrachloroethene	10.861	164	105404	17.269	ug/L		95
48) 2-Hexanone	10.965	43	93087	31.893	ug/L		98
49) Dibromochloromethane	11.123	129	114999	19.195	ug/L		96
50) 1,2-Dibromoethane	11.233	107	94071	18.776	ug/L	#	87
51) Chlorobenzene	11.654	112	376822	18.445	ug/L		98
52) Ethylbenzene	11.727	91	669076	18.477	ug/L		99
53) m,p-Xylene	11.836	106	243356	17.938	ug/L		98
54) o-Xylene	12.166	106	233264	18.598	ug/L		95
55) Styrene	12.178	104	400019	18.656	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.708	83	114299	18.877	ug/L		97
59) Bromoform	12.349	173	58820	21.938	ug/L		99
60) Isopropylbenzene	12.458	105	618176	20.918	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	80057	21.559	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	488617	20.957	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	473914	20.760	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	256321	19.926	ug/L		97
65) 1,4-Dichlorobenzene	13.574	146	250580	18.865	ug/L		90
67) 1,2-Dichlorobenzene	13.867	146	241068	21.297	ug/L		100
68) 1,2-Dibromo-3-chloropr...	14.482	75	16902	20.413	ug/L		99
69) 1,3,5-Trichlorobenzene	14.623	180	155018	18.275	ug/L		93
70) 1,2,4-trichlorobenzene	15.129	180	119732	17.533	ug/L		96
71) Naphthalene	15.360	128	223262	18.923	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	108027	18.247	ug/L		96

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

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