Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060724\
Data File : VW029049.D
Acq On : 07 Jun 2024 09:21
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

Quant Time: Jun 07 23:03:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 07 00:21:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	322075	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	302024	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	150012	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	101338	19.806	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.240%			
7) Chloroethane-d5	2.899	69	82590	21.020	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.080%			
11) 1,1-Dichloroethene-d2	4.021	65	45907	20.413	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.640%			
21) 2-Butanone-d5	7.075	46	49376	47.232	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.460%			
24) Chloroform-d	7.648	84	211080	22.972	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.880%			
26) 1,2-Dichloroethane-d4	8.307	65	109881	22.715	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.840%			
32) Benzene-d6	8.276	84	407611	21.989	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.960%			
36) 1,2-Dichloropropane-d6	9.270	67	123843	22.034	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.120%			
41) Toluene-d8	10.325	98	363435	21.970	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.880%			
43) trans-1,3-Dichloroprop...	10.575	79	46925	21.727	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.920%			
47) 2-Hexanone-d5	10.922	63	34911	47.069	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.140%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91477	23.428	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.720%			
66) 1,2-Dichlorobenzene-d4	13.849	152	115480	21.693	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	73887	20.090	ug/L	97
3) Chloromethane	2.223	50	108332	24.111	ug/L	97
5) Vinyl chloride	2.375	62	127202	23.388	ug/L	99
6) Bromomethane	2.790	94	77973	23.928	ug/L	99
8) Chloroethane	2.936	64	78345	23.852	ug/L	98
9) Trichlorofluoromethane	3.271	101	111695	24.706	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	105832	23.724	ug/L	98
12) 1,1-Dichloroethene	4.045	96	103558	25.437	ug/L	92
13) Acetone	4.119	43	63988	58.408	ug/L	98
14) Carbon disulfide	4.387	76	338988	24.595	ug/L	100
15) Methyl Acetate	4.673	43	49296	27.092	ug/L	100
16) Methylene chloride	4.923	84	121617	25.160	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	113510	25.573	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	161360	26.069	ug/L	99
19) 1,1-Dichloroethane	6.216	63	228301	26.161	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	121434	26.096	ug/L	97
22) 2-Butanone	7.173	43	75008	56.819	ug/L	99
23) Bromochloromethane	7.520	128	52887	26.036	ug/L	92
25) Chloroform	7.679	83	222486	26.250	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Fri Jun 07 00:21:46 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	148972	26.228	ug/L	100
29) Cyclohexane	7.959	56	197023	26.237	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	175701	25.108	ug/L	98
31) Carbon tetrachloride	8.069	117	160392	25.163	ug/L	99
33) Benzene	8.325	78	490808	26.135	ug/L	100
34) Trichloroethene	9.093	95	127012	25.725	ug/L	95
35) Methylcyclohexane	9.337	83	221908	26.495	ug/L	99
37) 1,2-Dichloropropane	9.368	63	129800	26.394	ug/L	100
38) Bromodichloromethane	9.642	83	154011	25.678	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	187803	26.277	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	138368	55.316	ug/L	99
42) Toluene	10.386	91	522048	27.212	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	156226	27.114	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	86241	25.966	ug/L	95
46) Tetrachloroethene	10.861	164	95926	25.573	ug/L	93
48) 2-Hexanone	10.965	43	109185	58.218	ug/L	100
49) Dibromochloromethane	11.123	129	90538	25.808	ug/L	99
50) 1,2-Dibromoethane	11.233	107	79663	26.274	ug/L	87
51) Chlorobenzene	11.654	112	321150	26.059	ug/L	98
52) Ethylbenzene	11.727	91	593570	27.231	ug/L	99
53) m,p-Xylene	11.837	106	221353	27.417	ug/L	89
54) o-Xylene	12.160	106	206178	27.579	ug/L	95
55) Styrene	12.178	104	355787	27.604	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	99986	26.667	ug/L	99
59) Bromoform	12.349	173	48855	25.327	ug/L	98
60) Isopropylbenzene	12.459	105	580131	27.326	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	73854	26.100	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	434054	28.110	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	463041	28.375	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	243816	26.724	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	253071	26.559	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	218755	26.752	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14733	24.428	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	168853	26.955	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	134963	26.583	ug/L	97
71) Naphthalene	15.360	128	245446	28.374	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	119307	27.505	ug/L	100

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

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