Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040524\
Data File : VW028347.D
Acq On : 05 Apr 2024 19:41
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

Quant Time: Apr 05 23:47:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 05 23:38:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	211699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	198190	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	106737	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	37875	15.291	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.160%			
7) Chloroethane-d5	2.899	69	36433	21.053	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.200%			
11) 1,1-Dichloroethene-d2	4.021	65	26581	16.922	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.680%			
21) 2-Butanone-d5	7.081	46	48013	65.721	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.440%			
24) Chloroform-d	7.648	84	159966	25.625	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.520%			
26) 1,2-Dichloroethane-d4	8.307	65	85407	24.827	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.320%			
32) Benzene-d6	8.276	84	286047	23.640	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.560%			
36) 1,2-Dichloropropane-d6	9.270	67	94526	27.146	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.600%			
41) Toluene-d8	10.318	98	255042	22.851	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.400%			
43) trans-1,3-Dichloroprop...	10.574	79	37371	23.629	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.520%			
47) 2-Hexanone-d5	10.922	63	36944	64.185	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.360%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	79290	30.825	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 123.320%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	97254	25.012	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	45702	14.882	ug/L #	77
3) Chloromethane	2.222	50	48347	22.197	ug/L	98
5) Vinyl chloride	2.375	62	57629	23.406	ug/L	98
6) Bromomethane	2.789	94	35653	24.315	ug/L	85
8) Chloroethane	2.936	64	34359	25.963	ug/L	97
9) Trichlorofluoromethane	3.271	101	68150	22.894	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	70006	23.673	ug/L	95
12) 1,1-Dichloroethene	4.045	96	66032	24.155	ug/L	90
13) Acetone	4.130	43	31499	38.832	ug/L	99
14) Carbon disulfide	4.393	76	177078	20.768	ug/L	98
15) Methyl Acetate	4.673	43	33382	26.717	ug/L	96
16) Methylene chloride	4.923	84	84043	26.084	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	71799	24.714	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	113722	25.945	ug/L	98
19) 1,1-Dichloroethane	6.215	63	150859	26.822	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	84025	26.780	ug/L	100
22) 2-Butanone	7.173	43	43912	47.680	ug/L	100
23) Bromochloromethane	7.514	128	36326	26.188	ug/L	84
25) Chloroform	7.679	83	152553	26.347	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	99060	24.226	ug/L	#	95
29) Cyclohexane	7.959	56	120165	23.245	ug/L		100
30) 1,1,1-Trichloroethane	7.874	97	125119	24.084	ug/L		99
31) Carbon tetrachloride	8.069	117	109618	22.494	ug/L		98
33) Benzene	8.325	78	315110	25.838	ug/L		100
34) Trichloroethene	9.093	95	85082	25.006	ug/L		95
35) Methylcyclohexane	9.337	83	135919	23.633	ug/L		99
37) 1,2-Dichloropropane	9.367	63	86267	27.655	ug/L		99
38) Bromodichloromethane	9.642	83	106625	25.352	ug/L		97
39) cis-1,3-Dichloropropene	10.068	75	128477	25.718	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	94518	54.893	ug/L		99
42) Toluene	10.385	91	340247	25.563	ug/L		98
44) trans-1,3-Dichloropropene	10.605	75	107243	25.427	ug/L		98
45) 1,1,2-Trichloroethane	10.782	97	62066	27.538	ug/L		97
46) Tetrachloroethene	10.861	164	63153	23.026	ug/L		96
48) 2-Hexanone	10.965	43	66076	48.989	ug/L		99
49) Dibromochloromethane	11.123	129	66590	24.947	ug/L		91
50) 1,2-Dibromoethane	11.233	107	54390	25.238	ug/L		97
51) Chlorobenzene	11.654	112	216480	25.624	ug/L		98
52) Ethylbenzene	11.727	91	397354	25.573	ug/L		99
53) m,p-Xylene	11.836	106	149224	25.521	ug/L		89
54) o-Xylene	12.160	106	142426	26.267	ug/L		98
55) Styrene	12.178	104	251007	26.950	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	70167	27.218	ug/L	#	98
59) Bromoform	12.349	173	39545	24.725	ug/L		96
60) Isopropylbenzene	12.458	105	402426	25.376	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	51673	25.366	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	261602	24.585	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	328417	25.561	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	171787	24.281	ug/L		99
65) 1,4-Dichlorobenzene	13.574	146	173444	24.516	ug/L		97
67) 1,2-Dichlorobenzene	13.867	146	160119	26.281	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10994	22.975	ug/L		85
69) 1,3,5-Trichlorobenzene	14.623	180	123548	25.070	ug/L		99
70) 1,2,4-trichlorobenzene	15.122	180	100553	24.018	ug/L		99
71) Naphthalene	15.360	128	182962	25.461	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	88931	25.767	ug/L		99

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

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