Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080624\
Data File : VW029842.D
Acq On : 06 Aug 2024 16:00
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Quant Time: Aug 07 02:29:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 07 02:26:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	216890	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	207286	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	105619	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	40392	13.118	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 52.480%			
7) Chloroethane-d5	2.893	69	39320	17.887	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.560%			
11) 1,1-Dichloroethene-d2	4.027	65	23310	16.584	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.320%			
21) 2-Butanone-d5	7.081	46	46465	55.057	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.120%			
24) Chloroform-d	7.648	84	137494	24.489	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.960%			
26) 1,2-Dichloroethane-d4	8.307	65	78561	24.566	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.280%			
32) Benzene-d6	8.276	84	240867	21.506	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.040%			
36) 1,2-Dichloropropane-d6	9.270	67	82655	23.112	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.440%			
41) Toluene-d8	10.319	98	218110	21.902	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.600%			
43) trans-1,3-Dichloroprop...	10.575	79	32025	22.130	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.520%			
47) 2-Hexanone-d5	10.922	63	30617	51.920	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.840%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70456	26.533	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.120%			
66) 1,2-Dichlorobenzene-d4	13.848	152	74786	22.804	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	60805	20.798	ug/L	98
3) Chloromethane	2.222	50	89138	24.640	ug/L	96
5) Vinyl chloride	2.375	62	89221	22.011	ug/L	99
6) Bromomethane	2.783	94	54266	24.380	ug/L	91
8) Chloroethane	2.930	64	56783	24.624	ug/L	97
9) Trichlorofluoromethane	3.259	101	78602	24.276	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	76407	23.694	ug/L #	68
12) 1,1-Dichloroethene	4.045	96	70320	23.733	ug/L	92
13) Acetone	4.125	43	59335	56.574	ug/L	98
14) Carbon disulfide	4.393	76	224040	22.721	ug/L	99
15) Methyl Acetate	4.673	43	49588	28.386	ug/L	100
16) Methylene chloride	4.917	84	102546	22.616	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	81755	25.605	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	149185	28.349	ug/L	98
19) 1,1-Dichloroethane	6.216	63	180577	26.815	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	94029	27.149	ug/L	96
22) 2-Butanone	7.173	43	78229	58.213	ug/L	100
23) Bromochloromethane	7.514	128	42368	28.814	ug/L	94
25) Chloroform	7.673	83	176236	27.777	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	131408	28.420	ug/L	97
29) Cyclohexane	7.953	56	134715	22.869	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	130594	24.879	ug/L	98
31) Carbon tetrachloride	8.069	117	116648	24.661	ug/L	98
33) Benzene	8.325	78	372023	26.194	ug/L	100
34) Trichloroethene	9.093	95	92929	24.959	ug/L	98
35) Methylcyclohexane	9.337	83	142119	22.908	ug/L	96
37) 1,2-Dichloropropane	9.367	63	107040	27.502	ug/L	99
38) Bromodichloromethane	9.642	83	126283	27.247	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	152295	26.868	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	146187	59.133	ug/L	99
42) Toluene	10.386	91	388762	26.816	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	131271	27.898	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	72640	27.781	ug/L	99
46) Tetrachloroethene	10.861	164	66246	24.480	ug/L	88
48) 2-Hexanone	10.965	43	112133	60.561	ug/L	100
49) Dibromochloromethane	11.129	129	77191	28.438	ug/L	91
50) 1,2-Dibromoethane	11.233	107	68754	28.419	ug/L	97
51) Chlorobenzene	11.654	112	239792	26.592	ug/L	98
52) Ethylbenzene	11.727	91	438341	26.805	ug/L	99
53) m,p-Xylene	11.837	106	162006	26.937	ug/L	92
54) o-Xylene	12.160	106	154728	27.938	ug/L	98
55) Styrene	12.178	104	272826	28.419	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	92037	28.679	ug/L	99
59) Bromoform	12.349	173	43505	27.374	ug/L	99
60) Isopropylbenzene	12.458	105	421616	25.797	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68061	26.495	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	338413	27.857	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	345087	26.561	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	184618	26.476	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	181325	25.315	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	165224	26.026	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	15258	26.160	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	121536	25.474	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	99652	24.793	ug/L	99
71) Naphthalene	15.360	128	217306	28.335	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	88547	24.340	ug/L	92

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

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