Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052924\
Data File : VW028869.D
Acq On : 29 May 2024 08:45
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

Quant Time: May 29 23:50:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 29 02:08:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	329047	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	295861	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	152450	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	132734	21.243	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.960%			
7) Chloroethane-d5	2.899	69	102420	21.407	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.640%			
11) 1,1-Dichloroethene-d2	4.021	65	58295	22.330	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.320%			
21) 2-Butanone-d5	7.075	46	54252	33.280	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.560%			
24) Chloroform-d	7.648	84	249468	24.263	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.040%			
26) 1,2-Dichloroethane-d4	8.301	65	129195	21.948	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.800%			
32) Benzene-d6	8.276	84	497068	25.181	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.720%			
36) 1,2-Dichloropropane-d6	9.270	67	149935	25.242	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.960%			
41) Toluene-d8	10.325	98	450290	25.759	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.040%			
43) trans-1,3-Dichloroprop...	10.575	79	57183	23.931	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.720%			
47) 2-Hexanone-d5	10.922	63	37792	36.889	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.780%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	102226	20.524	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.080%			
66) 1,2-Dichlorobenzene-d4	13.848	152	134470	23.142	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	98999	20.703	ug/L	94
3) Chloromethane	2.222	50	112407	18.975	ug/L	99
5) Vinyl chloride	2.375	62	141131	21.161	ug/L	100
6) Bromomethane	2.789	94	84052	21.786	ug/L	96
8) Chloroethane	2.936	64	85274	22.420	ug/L	97
9) Trichlorofluoromethane	3.271	101	117498	21.459	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	122500	24.266	ug/L	93
12) 1,1-Dichloroethene	4.045	96	112054	24.744	ug/L	94
13) Acetone	4.131	43	55382	37.345	ug/L	94
14) Carbon disulfide	4.387	76	306433	20.022	ug/L	100
15) Methyl Acetate	4.679	43	45623	17.683	ug/L	99
16) Methylene chloride	4.923	84	125931	24.746	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	116929	24.801	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	165310	23.760	ug/L	98
19) 1,1-Dichloroethane	6.216	63	238674	25.529	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	129508	26.247	ug/L	94
22) 2-Butanone	7.167	43	67650	35.540	ug/L	100
23) Bromochloromethane	7.514	128	53170	24.703	ug/L	92
25) Chloroform	7.679	83	240245	26.568	ug/L	95

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	153298	23.321	ug/L	100
29) Cyclohexane	7.959	56	197649	23.430	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	193160	26.053	ug/L	98
31) Carbon tetrachloride	8.069	117	174139	25.761	ug/L	100
33) Benzene	8.325	78	510510	26.609	ug/L	100
34) Trichloroethene	9.093	95	134301	26.109	ug/L	93
35) Methylcyclohexane	9.337	83	217714	24.219	ug/L	98
37) 1,2-Dichloropropane	9.368	63	133532	26.711	ug/L	100
38) Bromodichloromethane	9.642	83	162494	26.665	ug/L	93
39) cis-1,3-Dichloropropene	10.075	75	196949	27.486	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	132885	39.056	ug/L	99
42) Toluene	10.386	91	536515	27.076	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	156963	25.981	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	88505	24.439	ug/L	95
46) Tetrachloroethene	10.861	164	99670	26.894	ug/L	94
48) 2-Hexanone	10.965	43	98199	40.881	ug/L	97
49) Dibromochloromethane	11.129	129	97085	26.727	ug/L	94
50) 1,2-Dibromoethane	11.233	107	78848	23.243	ug/L	95
51) Chlorobenzene	11.654	112	336647	27.465	ug/L	99
52) Ethylbenzene	11.727	91	610678	27.232	ug/L	99
53) m,p-Xylene	11.837	106	229248	27.889	ug/L	96
54) o-Xylene	12.160	106	215944	28.397	ug/L	97
55) Styrene	12.178	104	375180	29.117	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	99155	21.823	ug/L	96
59) Bromoform	12.349	173	50732	22.810	ug/L	97
60) Isopropylbenzene	12.458	105	612869	26.498	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71270	19.344	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	460241	28.125	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	485098	27.512	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	248203	25.796	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	253473	25.768	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	223392	25.940	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	14554	16.895	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	160809	24.907	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	129882	24.897	ug/L	100
71) Naphthalene	15.360	128	227278	20.448	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	113745	24.163	ug/L	98

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

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