Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101323\
Data File : VW027300.D
Acq On : 13 Oct 2023 11:07
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

Quant Time: Oct 16 01:53:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 12 21:57:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	481581	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	441384	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	216438	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	178784	24.325	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.320%			
7) Chloroethane-d5	2.893	69	137584	26.071	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.280%			
11) 1,1-Dichloroethene-d2	4.021	65	90839	24.666	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.680%			
21) 2-Butanone-d5	7.075	46	122369	50.092	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.180%			
24) Chloroform-d	7.648	84	371892	25.910	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.640%			
26) 1,2-Dichloroethane-d4	8.307	65	201576	26.144	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.560%			
32) Benzene-d6	8.276	84	767624	25.705	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.840%			
36) 1,2-Dichloropropane-d6	9.276	67	235653	25.836	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.360%			
41) Toluene-d8	10.325	98	678636	25.060	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.240%			
43) trans-1,3-Dichloroprop...	10.575	79	104803	25.201	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.800%			
47) 2-Hexanone-d5	10.922	63	96957	51.378	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.760%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	176108	25.878	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.520%			
66) 1,2-Dichlorobenzene-d4	13.848	152	204898	26.124	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	119445	20.846	ug/L #	89
3) Chloromethane	2.222	50	162734	24.713	ug/L	100
5) Vinyl chloride	2.375	62	176755	24.030	ug/L	98
6) Bromomethane	2.789	94	102723	24.519	ug/L	99
8) Chloroethane	2.930	64	105185	24.843	ug/L	99
9) Trichlorofluoromethane	3.265	101	126808	24.436	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	165589	25.483	ug/L	96
12) 1,1-Dichloroethene	4.045	96	160516	25.419	ug/L	94
13) Acetone	4.118	43	118457	56.143	ug/L	99
14) Carbon disulfide	4.387	76	457817	23.386	ug/L	100
15) Methyl Acetate	4.673	43	93623	25.980	ug/L	100
16) Methylene chloride	4.917	84	173837	19.720	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	170650	25.145	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	291689	24.911	ug/L	100
19) 1,1-Dichloroethane	6.222	63	354765	25.621	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	195858	25.554	ug/L	98
22) 2-Butanone	7.167	43	154156	48.813	ug/L	100
23) Bromochloromethane	7.514	128	80044	25.296	ug/L	86
25) Chloroform	7.679	83	334727	25.828	ug/L	99

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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	232051	26.359	ug/L	99
29) Cyclohexane	7.959	56	326513	24.364	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	278410	25.858	ug/L	99
31) Carbon tetrachloride	8.069	117	245353	25.272	ug/L	97
33) Benzene	8.325	78	727934	25.235	ug/L	100
34) Trichloroethene	9.093	95	192767	25.299	ug/L	96
35) Methylcyclohexane	9.331	83	333794	24.497	ug/L	99
37) 1,2-Dichloropropane	9.367	63	199538	25.583	ug/L	99
38) Bromodichloromethane	9.642	83	244936	25.539	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	330010	25.614	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	275723	51.403	ug/L	100
42) Toluene	10.386	91	773222	25.552	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	275881	25.377	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	141649	26.392	ug/L	97
46) Tetrachloroethene	10.861	164	122743	23.329	ug/L	94
48) 2-Hexanone	10.965	43	206652	52.053	ug/L	98
49) Dibromochloromethane	11.129	129	149669	25.110	ug/L	96
50) 1,2-Dibromoethane	11.233	107	131446	25.260	ug/L	97
51) Chlorobenzene	11.654	112	484535	25.570	ug/L	99
52) Ethylbenzene	11.727	91	892469	25.380	ug/L	94
53) m,p-Xylene	11.837	106	334062	25.047	ug/L	97
54) o-Xylene	12.160	106	318215	24.915	ug/L	91
55) Styrene	12.178	104	546770	25.067	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	169302	25.840	ug/L	97
59) Bromoform	12.349	173	85311	26.489	ug/L	96
60) Isopropylbenzene	12.458	105	892989	26.264	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	126257	26.716	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	749702	26.434	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	730459	26.323	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	367337	26.642	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	351925	25.558	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	316595	25.876	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	30280	25.637	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	236612	26.435	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	201660	26.471	ug/L	99
71) Naphthalene	15.360	128	413497	26.394	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	163024	26.024	ug/L	95

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

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