Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020623\
Data File : VW025298.D
Acq On : 06 Feb 2023 16:08
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

Quant Time: Feb 07 00:21:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 07 00:17:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	374389	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	334025	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	162778	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	85995	23.736	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.960%			
7) Chloroethane-d5	2.897	69	75410	23.442	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.760%			
11) 1,1-Dichloroethene-d2	4.025	63	229775	22.873	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.480%			
21) 2-Butanone-d5	7.080	46	50442	53.633	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.260%			
24) Chloroform-d	7.653	84	244632	24.930	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.720%			
26) 1,2-Dichloroethane-d4	8.305	65	128503	26.884	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.520%			
32) Benzene-d6	8.275	84	473517	23.390	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.560%			
36) 1,2-Dichloropropane-d6	9.274	67	135651	22.901	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.600%			
41) Toluene-d8	10.323	98	431823	23.862	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.440%			
43) trans-1,3-Dichloroprop...	10.573	79	60367	27.274	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.080%			
47) 2-Hexanone-d5	10.920	63	40530	61.027	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.060%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	109658	27.223	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.880%			
66) 1,2-Dichlorobenzene-d4	13.853	152	141310	25.022	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.026	85	119838	23.655	ug/L #	80
3) Chloromethane	2.227	50	121093	24.902	ug/L	95
5) Vinyl chloride	2.379	62	131777	26.608	ug/L	95
6) Bromomethane	2.794	94	87586	25.829	ug/L	93
8) Chloroethane	2.934	64	78456	25.376	ug/L	100
9) Trichlorofluoromethane	3.269	101	143355	20.124	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	133548	25.854	ug/L	98
12) 1,1-Dichloroethene	4.050	96	129303	25.217	ug/L	92
13) Acetone	4.117	43	49632	47.860	ug/L	99
14) Carbon disulfide	4.391	76	418226	24.959	ug/L	99
15) Methyl Acetate	4.672	43	55511	31.283	ug/L	100
16) Methylene chloride	4.915	84	141101	22.140	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	143435	26.047	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	226041	28.554	ug/L	100
19) 1,1-Dichloroethane	6.220	63	261222	26.641	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	138051	23.876	ug/L	99
22) 2-Butanone	7.165	43	61775	48.986	ug/L	100
23) Bromochloromethane	7.519	128	66281	27.830	ug/L	94
25) Chloroform	7.677	83	273136	27.080	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Tue Feb 07 00:17:55 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	180545	29.391	ug/L	99
29) Cyclohexane	7.958	56	231145	24.029	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	235531	24.859	ug/L	99
31) Carbon tetrachloride	8.067	117	214186	24.441	ug/L	99
33) Benzene	8.323	78	588523	25.460	ug/L	100
34) Trichloroethene	9.091	95	156673	24.198	ug/L	96
35) Methylcyclohexane	9.335	83	267394	23.137	ug/L	100
37) 1,2-Dichloropropane	9.366	63	145391	25.503	ug/L	99
38) Bromodichloromethane	9.646	83	195183	25.748	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	238590	25.560	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	155511	61.779	ug/L	98
42) Toluene	10.384	91	629857	27.401	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	197613	29.699	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	93793	26.104	ug/L	93
46) Tetrachloroethene	10.859	164	98341	23.766	ug/L	97
48) 2-Hexanone	10.969	43	89686	56.437	ug/L	98
49) Dibromochloromethane	11.128	129	109801	27.057	ug/L	98
50) 1,2-Dibromoethane	11.231	107	88985	27.036	ug/L	99
51) Chlorobenzene	11.658	112	392981	25.978	ug/L	98
52) Ethylbenzene	11.731	91	724579	26.309	ug/L	97
53) m,p-Xylene	11.835	106	276023	26.444	ug/L	95
54) o-Xylene	12.164	106	260895	24.829	ug/L	96
55) Styrene	12.176	104	452061	25.409	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	123992	28.963	ug/L	99
59) Bromoform	12.347	173	69985	30.304	ug/L	100
60) Isopropylbenzene	12.463	105	735001	26.662	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	92064	31.810	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	614550	27.652	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	608803	27.339	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	295601	25.881	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	306932	27.233	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	267204	27.148	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	21393	31.648	ug/L	99
69) 1,3,5-Trichlorobenzene	14.621	180	199409	26.848	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	158594	26.223	ug/L	99
71) Naphthalene	15.359	128	338809	30.645	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	140661	27.087	ug/L	96

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

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