Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026386.D
Acq On : 28 Jun 2023 09:25
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

Quant Time: Jun 28 23:45:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 28 05:31:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	713946	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	626741	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	308076	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	272906	26.312	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.240%			
7) Chloroethane-d5	2.899	69	217735	29.530	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.120%			
11) 1,1-Dichloroethene-d2	4.015	65	129343	27.545	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 110.160%#			
21) 2-Butanone-d5	7.081	46	142881	43.832	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.660%			
24) Chloroform-d	7.648	84	494771	24.456	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.840%			
26) 1,2-Dichloroethane-d4	8.306	65	286305	25.186	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.760%			
32) Benzene-d6	8.270	84	983773	25.359	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.440%			
36) 1,2-Dichloropropane-d6	9.270	67	305514	24.236	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.960%			
41) Toluene-d8	10.324	98	874163	25.744	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.960%			
43) trans-1,3-Dichloroprop...	10.574	79	128544	25.398	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.600%			
47) 2-Hexanone-d5	10.922	63	90535	46.765	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.520%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	228277	23.001	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.000%			
66) 1,2-Dichlorobenzene-d4	13.848	152	265349	24.737	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	223204	26.008	ug/L	97
3) Chloromethane	2.222	50	290356	23.398	ug/L	98
5) Vinyl chloride	2.375	62	321793	24.940	ug/L	99
6) Bromomethane	2.789	94	187574	26.486	ug/L	95
8) Chloroethane	2.935	64	199204	28.792	ug/L	99
9) Trichlorofluoromethane	3.265	101	230866	25.367	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	246703	25.040	ug/L	97
12) 1,1-Dichloroethene	4.039	96	234455	25.398	ug/L	90
13) Acetone	4.124	43	117259	44.942	ug/L	100
14) Carbon disulfide	4.386	76	782372	23.984	ug/L	99
15) Methyl Acetate	4.667	43	125681	21.012	ug/L	99
16) Methylene chloride	4.917	84	254260	21.045	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	246643	24.308	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	414673	26.130	ug/L	97
19) 1,1-Dichloroethane	6.215	63	504208	23.728	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	267479	24.394	ug/L	96
22) 2-Butanone	7.166	43	168726	42.265	ug/L	99
23) Bromochloromethane	7.514	128	110979	23.597	ug/L	96
25) Chloroform	7.678	83	476521	24.196	ug/L	98

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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	350594	24.760	ug/L	97
29) Cyclohexane	7.953	56	492654	27.221	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	395667	26.097	ug/L	99
31) Carbon tetrachloride	8.069	117	349798	25.665	ug/L	99
33) Benzene	8.319	78	1048321	24.763	ug/L	100
34) Trichloroethene	9.093	95	271744	25.070	ug/L	95
35) Methylcyclohexane	9.337	83	509546	27.413	ug/L	97
37) 1,2-Dichloropropane	9.367	63	276362	23.365	ug/L	99
38) Bromodichloromethane	9.642	83	335808	24.723	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	431200	25.445	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	363057	47.555	ug/L	99
42) Toluene	10.385	91	1107079	26.068	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	367117	25.665	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	186029	23.490	ug/L	97
46) Tetrachloroethene	10.861	164	187682	24.577	ug/L	91
48) 2-Hexanone	10.964	43	256730	47.659	ug/L	99
49) Dibromochloromethane	11.123	129	196274	24.204	ug/L	95
50) 1,2-Dibromoethane	11.233	107	174040	23.937	ug/L	99
51) Chlorobenzene	11.653	112	662378	24.452	ug/L	99
52) Ethylbenzene	11.727	91	1247429	26.067	ug/L	100
53) m,p-Xylene	11.836	106	458029	26.244	ug/L	98
54) o-Xylene	12.165	106	439275	26.732	ug/L	97
55) Styrene	12.178	104	747817	26.092	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	227957	23.028	ug/L	99
59) Bromoform	12.348	173	107691	23.107	ug/L	98
60) Isopropylbenzene	12.458	105	1235091	26.674	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	171512	22.902	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1015586	28.295	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	999016	28.858	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	489371	24.676	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	490822	24.730	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	415673	23.533	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	45317	26.255	ug/L	94
69) 1,3,5-Trichlorobenzene	14.628	180	390453	30.639	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	327864	31.437	ug/L	95
71) Naphthalene	15.360	128	699127	33.348	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	280630	28.821	ug/L	99

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

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