Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026427.D
Acq On : 29 Jun 2023 05:11
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

Quant Time: Jun 29 06:41:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 29 02:27:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	843516	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	764068	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	333697	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	278849	22.755	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.000%			
7) Chloroethane-d5	2.899	69	212952	24.445	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.800%			
11) 1,1-Dichloroethene-d2	4.021	65	131871	23.769	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.080%			
21) 2-Butanone-d5	7.081	46	170310	44.221	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.440%			
24) Chloroform-d	7.648	84	540249	22.602	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.400%			
26) 1,2-Dichloroethane-d4	8.307	65	294532	21.930	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.720%			
32) Benzene-d6	8.276	84	1109419	23.458	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.840%			
36) 1,2-Dichloropropane-d6	9.276	67	362213	23.570	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.280%			
41) Toluene-d8	10.325	98	973833	23.525	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.080%			
43) trans-1,3-Dichloroprop...	10.575	79	134318	21.769	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.080%			
47) 2-Hexanone-d5	10.922	63	108574	46.003	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.000%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	259204	21.423	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.680%			
66) 1,2-Dichlorobenzene-d4	13.855	152	266224	22.913	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	197387	19.467	ug/L	94
3) Chloromethane	2.223	50	351330	23.963	ug/L	97
5) Vinyl chloride	2.375	62	351871	23.082	ug/L	98
6) Bromomethane	2.789	94	195160	23.324	ug/L	96
8) Chloroethane	2.936	64	208354	25.489	ug/L	99
9) Trichlorofluoromethane	3.271	101	219010	20.368	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	264044	22.683	ug/L	98
12) 1,1-Dichloroethene	4.051	96	265454	24.339	ug/L	88
13) Acetone	4.131	43	116664	37.846	ug/L	98
14) Carbon disulfide	4.393	76	892349	23.154	ug/L	100
15) Methyl Acetate	4.673	43	173320	24.526	ug/L	98
16) Methylene chloride	4.917	84	343672	24.076	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	290878	24.264	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	521959	27.839	ug/L	98
19) 1,1-Dichloroethane	6.216	63	602795	24.010	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	329432	25.429	ug/L	98
22) 2-Butanone	7.167	43	192811	40.879	ug/L	98
23) Bromochloromethane	7.514	128	137417	24.730	ug/L	93
25) Chloroform	7.679	83	555791	23.886	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Thu Jun 29 02:27:38 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	388192	23.204	ug/L	99
29) Cyclohexane	7.959	56	553449	25.084	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	423282	22.900	ug/L	98
31) Carbon tetrachloride	8.075	117	374645	22.547	ug/L	98
33) Benzene	8.325	78	1268068	24.570	ug/L	100
34) Trichloroethene	9.093	95	323455	24.478	ug/L	97
35) Methylcyclohexane	9.337	83	558024	24.625	ug/L	98
37) 1,2-Dichloropropane	9.368	63	347112	24.072	ug/L	99
38) Bromodichloromethane	9.642	83	392701	23.715	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	493296	23.878	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	449294	48.273	ug/L	97
42) Toluene	10.386	91	1303476	25.176	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	403345	23.130	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	230923	23.918	ug/L	98
46) Tetrachloroethene	10.861	164	221389	23.780	ug/L	93
48) 2-Hexanone	10.965	43	292353	44.517	ug/L	97
49) Dibromochloromethane	11.129	129	235976	23.870	ug/L	95
50) 1,2-Dibromoethane	11.233	107	216123	24.382	ug/L	99
51) Chlorobenzene	11.654	112	787940	23.859	ug/L	97
52) Ethylbenzene	11.727	91	1442701	24.729	ug/L	98
53) m,p-Xylene	11.837	106	541757	25.463	ug/L	98
54) o-Xylene	12.166	106	507593	25.338	ug/L	95
55) Styrene	12.178	104	872238	24.964	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	259335	21.489	ug/L	99
59) Bromoform	12.349	173	122843	24.335	ug/L	99
60) Isopropylbenzene	12.465	105	1326968	26.458	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	192806	23.769	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1052419	27.070	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1080467	28.815	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	562148	26.169	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	546841	25.437	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	455013	23.782	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.482	75	41021	21.942	ug/L	98
69) 1,3,5-Trichlorobenzene	14.629	180	353834	25.634	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	328956	29.120	ug/L	98
71) Naphthalene	15.360	128	667497	29.395	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	239090	22.669	ug/L	100

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

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