Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051523\
Data File : VW025979.D
Acq On : 15 May 2023 13:01
Operator : SY/MD
Sample : 02769-04MSD
Misc : 5.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBW01MSD

Quant Time: May 15 23:36:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Mon May 15 23:34:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	708032	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	647262	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	330253	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	234771	23.399	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.600%			
7) Chloroethane-d5	2.899	69	193300	25.987	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.960%			
11) 1,1-Dichloroethene-d2	4.021	65	115267	22.943	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.760%			
21) 2-Butanone-d5	7.075	46	229252	69.117	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.240%#			
24) Chloroform-d	7.648	84	553041	27.088	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.360%			
26) 1,2-Dichloroethane-d4	8.307	65	321112	27.814	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.240%			
32) Benzene-d6	8.276	84	1045151	24.712	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.840%			
36) 1,2-Dichloropropane-d6	9.276	67	366088	27.054	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.200%			
41) Toluene-d8	10.325	98	941443	24.963	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.840%			
43) trans-1,3-Dichloroprop...	10.575	79	149504	27.256	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.040%			
47) 2-Hexanone-d5	10.922	63	172782	74.880	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 149.760%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	340081	32.973	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 131.880%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	323705	26.888	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	163181	20.629	ug/L	98
3) Chloromethane	2.222	50	280552	24.054	ug/L	99
5) Vinyl chloride	2.375	62	289807	24.006	ug/L	98
6) Bromomethane	2.783	94	158651	24.163	ug/L	99
8) Chloroethane	2.930	64	171674	25.009	ug/L	99
9) Trichlorofluoromethane	3.265	101	197379	21.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	242928	24.518	ug/L	99
12) 1,1-Dichloroethene	4.045	96	223960	23.651	ug/L	98
13) Acetone	4.118	43	218018	74.128	ug/L	100
14) Carbon disulfide	4.393	76	700919	21.888	ug/L	99
15) Methyl Acetate	4.667	43	153506	26.486	ug/L	99
16) Methylene chloride	4.917	84	311634	21.342	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	244835	23.701	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	457418	29.175	ug/L	99
19) 1,1-Dichloroethane	6.216	63	521282	24.561	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	275993	24.903	ug/L	96
22) 2-Butanone	7.167	43	226506	55.775	ug/L	98
23) Bromochloromethane	7.514	128	122453	26.081	ug/L	98
25) Chloroform	7.679	83	494757	25.363	ug/L	98

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Quant Title : SFAM01.0
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	356671	25.746	ug/L	99
29) Cyclohexane	7.959	56	459472	22.907	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	374514	23.659	ug/L	99
31) Carbon tetrachloride	8.069	117	330097	23.172	ug/L	99
33) Benzene	8.325	78	1063726	23.754	ug/L	100
34) Trichloroethene	9.093	95	264778	23.042	ug/L	95
35) Methylcyclohexane	9.337	83	456192	22.321	ug/L	99
37) 1,2-Dichloropropane	9.367	63	310474	25.306	ug/L	100
38) Bromodichloromethane	9.642	83	360157	25.587	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	470500	26.150	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	497350	62.279	ug/L	99
42) Toluene	10.386	91	1108082	24.217	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	408528	27.403	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	226953	27.653	ug/L	97
46) Tetrachloroethene	10.861	164	183373	22.683	ug/L	96
48) 2-Hexanone	10.965	43	348937	60.993	ug/L	99
49) Dibromochloromethane	11.123	129	231237	27.215	ug/L	98
50) 1,2-Dibromoethane	11.233	107	205195	27.121	ug/L	97
51) Chlorobenzene	11.654	112	688251	24.281	ug/L	100
52) Ethylbenzene	11.727	91	1256109	24.405	ug/L	99
53) m,p-Xylene	11.837	106	466256	24.613	ug/L	89
54) o-Xylene	12.166	106	441634	24.734	ug/L	90
55) Styrene	12.178	104	642011	21.008	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	300503	29.345	ug/L	97
59) Bromoform	12.349	173	136304	27.864	ug/L	99
60) Isopropylbenzene	12.458	105	1195781	23.820	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	216956	27.797	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	969709	24.389	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	922817	25.151	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	503538	23.301	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	521835	23.902	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	482554	25.039	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	50107	27.685	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	320682	22.355	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	262978	21.883	ug/L	96
71) Naphthalene	15.360	128	609649	26.878	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	253534	23.777	ug/L	99

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

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