Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
Data File : VW025356.D
Acq On : 22 Feb 2023 13:41
Operator : SY/MD
Sample : 01628-02MS
Misc : 5.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EXZC0MS

Quant Time: Feb 22 21:28:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 22 21:27:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	454026	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	393432	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	190511	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	80822	21.027	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.120%			
7) Chloroethane-d5	2.899	69	61616	21.743	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.960%			
11) 1,1-Dichloroethene-d2	4.027	63	215299	21.580	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.320%			
21) 2-Butanone-d5	7.075	46	42541	48.788	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.580%			
24) Chloroform-d	7.648	84	194525	22.335	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.320%			
26) 1,2-Dichloroethane-d4	8.307	65	104205	23.064	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.240%			
32) Benzene-d6	8.276	84	384742	23.076	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.320%			
36) 1,2-Dichloropropane-d6	9.276	67	108468	23.183	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.720%			
41) Toluene-d8	10.325	98	353206	22.723	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.880%			
43) trans-1,3-Dichloroprop...	10.575	79	50147	23.526	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.120%			
47) 2-Hexanone-d5	10.922	63	33841	49.585	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.160%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	79447	22.682	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.720%			
66) 1,2-Dichlorobenzene-d4	13.848	152	107345	22.185	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	112103	19.668	ug/L	98
3) Chloromethane	2.222	50	112544	21.999	ug/L	97
5) Vinyl chloride	2.375	62	130707	21.946	ug/L	97
6) Bromomethane	2.789	94	83130	21.982	ug/L	99
8) Chloroethane	2.936	64	77546	22.250	ug/L	94
9) Trichlorofluoromethane	3.271	101	154041	21.315	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	125384	20.424	ug/L	92
12) 1,1-Dichloroethene	4.045	96	129442	22.126	ug/L	96
13) Acetone	4.118	43	93486	64.720	ug/L	98
14) Carbon disulfide	4.387	76	420477	22.035	ug/L	99
15) Methyl Acetate	4.667	43	49760	21.382	ug/L	98
16) Methylene chloride	4.923	84	140616	21.903	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	136128	22.196	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	204201	23.575	ug/L	100
19) 1,1-Dichloroethane	6.222	63	242841	22.035	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	146070	22.667	ug/L	98
22) 2-Butanone	7.167	43	96181	57.405	ug/L	98
23) Bromochloromethane	7.514	128	64477	23.447	ug/L	93
25) Chloroform	7.679	83	258985	22.836	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	175814	22.983	ug/L		96
29) Cyclohexane	7.959	56	223120	22.529	ug/L		100
30) 1,1,1-Trichloroethane	7.874	97	226858	22.259	ug/L		100
31) Carbon tetrachloride	8.069	117	210002	21.892	ug/L		97
33) Benzene	8.325	78	545576	22.679	ug/L		100
34) Trichloroethene	9.093	95	162187	24.141	ug/L		99
35) Methylcyclohexane	9.337	83	250511	21.278	ug/L		99
37) 1,2-Dichloropropane	9.368	63	135161	23.227	ug/L		100
38) Bromodichloromethane	9.642	83	184492	23.374	ug/L		98
39) cis-1,3-Dichloropropene	10.075	75	226032	23.742	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	146217	49.393	ug/L		99
42) Toluene	10.386	91	588643	22.729	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	190013	23.742	ug/L		99
45) 1,1,2-Trichloroethane	10.788	97	102015	23.504	ug/L		98
46) Tetrachloroethene	10.861	164	109466	21.577	ug/L		96
48) 2-Hexanone	10.965	43	132092	59.784	ug/L		99
49) Dibromochloromethane	11.123	129	116238	23.185	ug/L		99
50) 1,2-Dibromoethane	11.233	107	99122	23.823	ug/L	#	100
51) Chlorobenzene	11.654	112	373182	22.437	ug/L		98
52) Ethylbenzene	11.727	91	688992	22.958	ug/L		97
53) m,p-Xylene	11.837	106	257516	22.584	ug/L		97
54) o-Xylene	12.166	106	243390	23.089	ug/L		96
55) Styrene	12.178	104	416510	23.233	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.714	83	104159	21.021	ug/L		100
59) Bromoform	12.349	173	66279	23.239	ug/L		98
60) Isopropylbenzene	12.465	105	672591	21.585	ug/L		100
61) 1,2,3-Trichloropropane	12.769	75	86723	22.976	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	564565	22.561	ug/L		100
63) 1,2,4-Trimethylbenzene	13.251	105	544211	22.974	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	279793	22.964	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	277888	22.750	ug/L		99
67) 1,2-Dichlorobenzene	13.867	146	242095	21.667	ug/L		100
68) 1,2-Dibromo-3-chloropr...	14.482	75	19920	22.840	ug/L		97
69) 1,3,5-Trichlorobenzene	14.623	180	176722	21.190	ug/L		96
70) 1,2,4-trichlorobenzene	15.129	180	142287	19.662	ug/L		92
71) Naphthalene	15.360	128	315816	22.696	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	125563	20.431	ug/L		99

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

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