Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051523\
Data File : VW025975.D
Acq On : 15 May 2023 10:48
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025489

Quant Time: May 15 23:31:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Sun May 14 22:48:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	612488	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	536917	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	267902	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	194044	22.357	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.440%			
7) Chloroethane-d5	2.899	69	162272	25.219	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.880%			
11) 1,1-Dichloroethene-d2	4.021	65	94067	21.644	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.560%			
21) 2-Butanone-d5	7.075	46	117631	40.996	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.000%			
24) Chloroform-d	7.648	84	430678	24.386	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.560%			
26) 1,2-Dichloroethane-d4	8.307	65	223634	22.393	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.560%			
32) Benzene-d6	8.276	84	857250	24.435	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.720%			
36) 1,2-Dichloropropane-d6	9.270	67	277717	24.741	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.960%			
41) Toluene-d8	10.325	98	745415	23.827	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.320%			
43) trans-1,3-Dichloroprop...	10.575	79	99472	21.862	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.440%			
47) 2-Hexanone-d5	10.922	63	80909	42.270	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.540%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	196568	22.975	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.920%			
66) 1,2-Dichlorobenzene-d4	13.848	152	233898	23.950	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	143639	20.991	ug/L	92
3) Chloromethane	2.223	50	233159	23.109	ug/L	99
5) Vinyl chloride	2.375	62	248937	23.838	ug/L	99
6) Bromomethane	2.789	94	134680	23.712	ug/L	93
8) Chloroethane	2.936	64	146581	24.685	ug/L	95
9) Trichlorofluoromethane	3.265	101	180460	22.898	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	204143	23.817	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	192047	23.445	ug/L	98
13) Acetone	4.119	43	85056	33.431	ug/L	99
14) Carbon disulfide	4.393	76	604303	21.815	ug/L	100
15) Methyl Acetate	4.667	43	92964	18.542	ug/L	100
16) Methylene chloride	4.917	84	206468	16.346	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	200909	22.483	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	282526	20.831	ug/L	99
19) 1,1-Dichloroethane	6.216	63	430962	23.473	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	218151	22.754	ug/L	97
22) 2-Butanone	7.167	43	119168	33.921	ug/L	98
23) Bromochloromethane	7.514	128	90676	22.326	ug/L	96
25) Chloroform	7.673	83	404681	23.982	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	263511	21.988	ug/L	100
29) Cyclohexane	7.959	56	385487	23.168	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	321577	24.490	ug/L	99
31) Carbon tetrachloride	8.069	117	282710	23.924	ug/L	99
33) Benzene	8.325	78	905397	24.374	ug/L	100
34) Trichloroethene	9.093	95	224180	23.518	ug/L	98
35) Methylcyclohexane	9.337	83	404064	23.834	ug/L	99
37) 1,2-Dichloropropane	9.368	63	243563	23.932	ug/L	99
38) Bromodichloromethane	9.642	83	276907	23.716	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	341618	22.889	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	259930	39.238	ug/L	99
42) Toluene	10.386	91	933344	24.590	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	276318	22.344	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	154086	22.633	ug/L	96
46) Tetrachloroethene	10.861	164	162797	24.276	ug/L	94
48) 2-Hexanone	10.965	43	178299	37.571	ug/L	98
49) Dibromochloromethane	11.129	129	165242	23.445	ug/L	92
50) 1,2-Dibromoethane	11.233	107	136360	21.727	ug/L	99
51) Chlorobenzene	11.654	112	566520	24.094	ug/L	97
52) Ethylbenzene	11.727	91	1056794	24.752	ug/L	100
53) m,p-Xylene	11.837	106	390008	24.819	ug/L	96
54) o-Xylene	12.166	106	368054	24.850	ug/L	94
55) Styrene	12.178	104	637405	25.143	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	183412	21.591	ug/L	97
59) Bromoform	12.349	173	84990	21.418	ug/L	99
60) Isopropylbenzene	12.458	105	1013948	24.899	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	128322	20.267	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	806144	24.994	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	738788	24.822	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	410976	23.444	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	424079	23.945	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	368534	23.573	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	27268	18.573	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	273468	23.501	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	216770	22.236	ug/L	98
71) Naphthalene	15.360	128	366436	19.915	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	195817	22.638	ug/L	96

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

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