Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101223\
Data File : VW027298.D
Acq On : 12 Oct 2023 16:05
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025521

Quant Time: Oct 12 21:59:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 12 21:57:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	494934	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	454551	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	229317	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	182666	24.183	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.720%			
7) Chloroethane-d5	2.899	69	141902	26.164	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.640%			
11) 1,1-Dichloroethene-d2	4.027	65	88026	23.258	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.040%			
21) 2-Butanone-d5	7.075	46	113814	45.333	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.660%			
24) Chloroform-d	7.648	84	375525	25.457	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.840%			
26) 1,2-Dichloroethane-d4	8.307	65	200100	25.252	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.000%			
32) Benzene-d6	8.276	84	775815	25.227	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.920%			
36) 1,2-Dichloropropane-d6	9.276	67	239905	25.540	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.160%			
41) Toluene-d8	10.325	98	685612	24.584	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.320%			
43) trans-1,3-Dichloroprop...	10.575	79	101924	23.798	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.200%			
47) 2-Hexanone-d5	10.922	63	92025	47.352	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.700%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	172841	24.662	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.640%			
66) 1,2-Dichlorobenzene-d4	13.855	152	215985	25.991	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	135351	22.984	ug/L	94
3) Chloromethane	2.229	50	163266	24.125	ug/L	98
5) Vinyl chloride	2.381	62	176966	23.410	ug/L	99
6) Bromomethane	2.790	94	103704	24.085	ug/L	93
8) Chloroethane	2.936	64	108802	25.004	ug/L	96
9) Trichlorofluoromethane	3.265	101	120798	22.650	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	153006	22.911	ug/L	97
12) 1,1-Dichloroethene	4.051	96	151030	23.271	ug/L	95
13) Acetone	4.125	43	88193	40.672	ug/L	98
14) Carbon disulfide	4.393	76	447100	22.222	ug/L	99
15) Methyl Acetate	4.673	43	85624	23.119	ug/L	100
16) Methylene chloride	4.923	84	180951	19.973	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	167801	24.058	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	294130	24.442	ug/L	100
19) 1,1-Dichloroethane	6.222	63	349689	24.573	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	194009	24.630	ug/L	100
22) 2-Butanone	7.173	43	126731	39.046	ug/L	99
23) Bromochloromethane	7.514	128	78839	24.243	ug/L	92
25) Chloroform	7.679	83	335974	25.225	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	227969	25.197	ug/L	99
29) Cyclohexane	7.959	56	308202	22.331	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	268860	24.248	ug/L	100
31) Carbon tetrachloride	8.069	117	233624	23.367	ug/L	99
33) Benzene	8.325	78	730654	24.596	ug/L	100
34) Trichloroethene	9.093	95	191575	24.414	ug/L	97
35) Methylcyclohexane	9.337	83	311733	22.215	ug/L	98
37) 1,2-Dichloropropane	9.368	63	199259	24.807	ug/L	100
38) Bromodichloromethane	9.642	83	244380	24.743	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	319887	24.109	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	261736	47.382	ug/L	100
42) Toluene	10.386	91	765320	24.558	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	267387	23.883	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	137812	24.933	ug/L	97
46) Tetrachloroethene	10.861	164	125581	23.177	ug/L	95
48) 2-Hexanone	10.965	43	188550	46.117	ug/L	99
49) Dibromochloromethane	11.129	129	145753	23.744	ug/L	93
50) 1,2-Dibromoethane	11.233	107	129164	24.102	ug/L	98
51) Chlorobenzene	11.654	112	479093	24.551	ug/L	99
52) Ethylbenzene	11.727	91	890936	24.602	ug/L	97
53) m,p-Xylene	11.837	106	330231	24.042	ug/L	93
54) o-Xylene	12.166	106	324638	24.682	ug/L	99
55) Styrene	12.178	104	560755	24.963	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	163743	24.267	ug/L	95
59) Bromoform	12.349	173	82858	24.282	ug/L	96
60) Isopropylbenzene	12.459	105	877806	24.367	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	122143	24.394	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	758882	25.255	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	740956	25.202	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	356576	24.409	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	355239	24.350	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	321739	24.820	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	28094	22.450	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	235218	24.803	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	198978	24.652	ug/L	98
71) Naphthalene	15.360	128	391659	23.596	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	163833	24.684	ug/L	94

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

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