Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041023\
Data File : VW025569.D
Acq On : 10 Apr 2023 12:10
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

Quant Time: Apr 11 01:57:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 11 01:56:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	753851	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	658152	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	324097	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	237161	19.333	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.320%			
7) Chloroethane-d5	2.899	69	176767	20.239	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.960%			
11) 1,1-Dichloroethene-d2	4.027	63	506867	20.431	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.720%			
21) 2-Butanone-d5	7.075	46	129579	47.349	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.700%			
24) Chloroform-d	7.648	84	467768	22.100	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.400%			
26) 1,2-Dichloroethane-d4	8.307	65	242612	22.032	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.120%			
32) Benzene-d6	8.276	84	939833	22.053	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.200%			
36) 1,2-Dichloropropane-d6	9.270	67	289287	21.771	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.080%			
41) Toluene-d8	10.325	98	826975	22.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.840%			
43) trans-1,3-Dichloroprop...	10.575	79	109211	21.922	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.680%			
47) 2-Hexanone-d5	10.922	63	91326	50.282	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.560%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	214065	23.868	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.480%			
66) 1,2-Dichlorobenzene-d4	13.848	152	248050	22.278	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	205437	19.488	ug/L	99
3) Chloromethane	2.222	50	278043	22.734	ug/L	100
5) Vinyl chloride	2.375	62	304449	22.518	ug/L	100
6) Bromomethane	2.789	94	164052	22.556	ug/L	97
8) Chloroethane	2.936	64	173344	22.892	ug/L	99
9) Trichlorofluoromethane	3.271	101	215295	20.670	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	251876	24.097	ug/L	98
12) 1,1-Dichloroethene	4.045	96	236917	22.644	ug/L	96
13) Acetone	4.118	43	105107	45.380	ug/L	100
14) Carbon disulfide	4.387	76	787459	21.333	ug/L	99
15) Methyl Acetate	4.667	43	122708	23.581	ug/L	99
16) Methylene chloride	4.917	84	264239	22.052	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	251262	22.589	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	364171	23.723	ug/L	100
19) 1,1-Dichloroethane	6.216	63	518206	23.317	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	268812	23.227	ug/L	100
22) 2-Butanone	7.173	43	153317	46.563	ug/L	100
23) Bromochloromethane	7.514	128	110185	23.216	ug/L	96
25) Chloroform	7.673	83	480239	23.630	ug/L	97

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	319117	23.399	ug/L		99
29) Cyclohexane	7.953	56	496650	23.315	ug/L		100
30) 1,1,1-Trichloroethane	7.874	97	381390	23.322	ug/L		99
31) Carbon tetrachloride	8.069	117	350078	23.705	ug/L		99
33) Benzene	8.319	78	1092710	23.853	ug/L		100
34) Trichloroethene	9.093	95	275160	23.092	ug/L		97
35) Methylcyclohexane	9.337	83	493216	22.923	ug/L		100
37) 1,2-Dichloropropane	9.368	63	292068	24.141	ug/L		99
38) Bromodichloromethane	9.642	83	331424	23.942	ug/L		99
39) cis-1,3-Dichloropropene	10.075	75	423746	24.417	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	335749	49.029	ug/L		99
42) Toluene	10.386	91	1114226	23.886	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	341278	23.848	ug/L		99
45) 1,1,2-Trichloroethane	10.788	97	186647	24.195	ug/L		97
46) Tetrachloroethene	10.861	164	192167	22.930	ug/L		93
48) 2-Hexanone	10.965	43	233992	49.454	ug/L		97
49) Dibromochloromethane	11.123	129	193296	23.799	ug/L		99
50) 1,2-Dibromoethane	11.233	107	166957	23.555	ug/L		97
51) Chlorobenzene	11.654	112	678601	23.608	ug/L		97
52) Ethylbenzene	11.727	91	1285130	24.346	ug/L		99
53) m,p-Xylene	11.837	106	473441	24.457	ug/L		96
54) o-Xylene	12.166	106	448551	24.768	ug/L		97
55) Styrene	12.178	104	761794	24.992	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.714	83	219898	23.798	ug/L		99
59) Bromoform	12.349	173	107282	24.157	ug/L		97
60) Isopropylbenzene	12.465	105	1227928	24.187	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	159456	23.739	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	1005409	25.087	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	974632	25.256	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	507722	24.133	ug/L		98
65) 1,4-Dichlorobenzene	13.574	146	519519	24.179	ug/L		91
67) 1,2-Dichlorobenzene	13.867	146	450236	24.411	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.476	75	33759	22.911	ug/L	#	85
69) 1,3,5-Trichlorobenzene	14.623	180	340629	24.182	ug/L		97
70) 1,2,4-trichlorobenzene	15.129	180	290873	25.421	ug/L		93
71) Naphthalene	15.360	128	535264	25.070	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	248913	24.881	ug/L		97

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

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