Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025181.D
Acq On : 23 Dec 2022 03:13
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

Quant Time: Dec 23 03:38:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 23 02:08:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	516694	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	453769	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	221672	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	105878	17.776	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.120%			
7) Chloroethane-d5	2.885	69	75067	19.518	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.080%			
11) 1,1-Dichloroethene-d2	4.019	63	288829	22.134	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.520%			
21) 2-Butanone-d5	7.080	46	88071	58.897	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.800%			
24) Chloroform-d	7.647	84	324871	24.358	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.440%			
26) 1,2-Dichloroethane-d4	8.305	65	166808	24.662	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.640%			
32) Benzene-d6	8.275	84	669664	25.165	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.640%			
36) 1,2-Dichloropropane-d6	9.275	67	200853	25.940	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.760%			
41) Toluene-d8	10.317	98	594504	24.640	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.560%			
43) trans-1,3-Dichloroprop...	10.573	79	81312	24.860	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.440%			
47) 2-Hexanone-d5	10.921	63	75413	66.382	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 132.760%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	155067	27.120	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	193875	25.803	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	63456	20.264	ug/L	94
3) Chloromethane	2.215	50	107535	19.503	ug/L	98
5) Vinyl chloride	2.361	62	133244	19.317	ug/L	97
6) Bromomethane	2.776	94	73385	20.532	ug/L	94
8) Chloroethane	2.922	64	65684	20.588	ug/L	99
9) Trichlorofluoromethane	3.257	101	104553	20.226	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	156336	22.896	ug/L	98
12) 1,1-Dichloroethene	4.038	96	153844	23.633	ug/L	97
13) Acetone	4.123	43	59696	38.837	ug/L	99
14) Carbon disulfide	4.385	76	452972	21.796	ug/L	99
15) Methyl Acetate	4.666	43	72159	28.762	ug/L	95
16) Methylene chloride	4.916	84	207352	25.676	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	170643	24.727	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	290847	28.404	ug/L	99
19) 1,1-Dichloroethane	6.214	63	318300	25.526	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	191995	26.311	ug/L	98
22) 2-Butanone	7.171	43	97548	50.444	ug/L	99
23) Bromochloromethane	7.513	128	82512	26.722	ug/L	99
25) Chloroform	7.677	83	322003	25.518	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Fri Dec 23 02:08:31 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	205251	25.835	ug/L	97
29) Cyclohexane	7.958	56	273308	23.786	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	260380	24.308	ug/L	98
31) Carbon tetrachloride	8.074	117	221408	22.480	ug/L	100
33) Benzene	8.323	78	728971	25.933	ug/L	100
34) Trichloroethene	9.092	95	184280	25.027	ug/L	95
35) Methylcyclohexane	9.335	83	295115	22.596	ug/L	99
37) 1,2-Dichloropropane	9.366	63	182972	26.987	ug/L	99
38) Bromodichloromethane	9.646	83	233101	26.026	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	276787	26.719	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	217981	62.719	ug/L	98
42) Toluene	10.384	91	767238	26.050	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	233822	26.356	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	136414	28.195	ug/L	96
46) Tetrachloroethene	10.860	164	129723	24.202	ug/L	93
48) 2-Hexanone	10.963	43	148958	58.678	ug/L	99
49) Dibromochloromethane	11.128	129	154017	26.506	ug/L	90
50) 1,2-Dibromoethane	11.232	107	129024	28.642	ug/L	99
51) Chlorobenzene	11.658	112	484284	25.694	ug/L	99
52) Ethylbenzene	11.725	91	853310	25.566	ug/L	97
53) m,p-Xylene	11.835	106	327779	25.716	ug/L	100
54) o-Xylene	12.164	106	312301	25.709	ug/L	89
55) Styrene	12.176	104	542606	26.376	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	159376	28.167	ug/L	96
59) Bromoform	12.347	173	82199	27.003	ug/L	100
60) Isopropylbenzene	12.463	105	835639	24.593	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	115435	27.092	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	733940	25.217	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	730728	25.843	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	357299	25.685	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	356543	25.452	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	324003	26.708	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	26583	26.759	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	236624	23.957	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	200633	25.316	ug/L	100
71) Naphthalene	15.359	128	456432	29.379	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	176353	25.392	ug/L	98

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

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