Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122322\
Data File : VW025183.D
Acq On : 23 Dec 2022 09:00
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

Quant Time: Dec 23 21:55:41 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	8.841	114	601643	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	522428	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	253116	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137624	19.843	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.360%			
7) Chloroethane-d5	2.885	69	96698	21.593	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.360%			
11) 1,1-Dichloroethene-d2	4.019	63	363036	23.893	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.560%			
21) 2-Butanone-d5	7.079	46	98988	56.851	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.700%			
24) Chloroform-d	7.646	84	361966	23.307	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.240%			
26) 1,2-Dichloroethane-d4	8.305	65	182705	23.199	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.800%			
32) Benzene-d6	8.274	84	759567	24.792	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.160%			
36) 1,2-Dichloropropane-d6	9.274	67	223524	25.074	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.280%			
41) Toluene-d8	10.323	98	678811	24.436	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.760%			
43) trans-1,3-Dichloroprop...	10.579	79	93149	24.736	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.960%			
47) 2-Hexanone-d5	10.920	63	81532	62.336	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.680%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	171316	26.024	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.080%			
66) 1,2-Dichlorobenzene-d4	13.853	152	211229	24.621	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	73295	20.102	ug/L	98
3) Chloromethane	2.215	50	130598	20.341	ug/L	97
5) Vinyl chloride	2.361	62	169115	21.056	ug/L	99
6) Bromomethane	2.781	94	85595	20.567	ug/L	96
8) Chloroethane	2.922	64	80054	21.550	ug/L	99
9) Trichlorofluoromethane	3.257	101	143622	23.861	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	189897	23.884	ug/L	97
12) 1,1-Dichloroethene	4.037	96	181770	23.980	ug/L	96
13) Acetone	4.123	43	103822	58.007	ug/L	99
14) Carbon disulfide	4.385	76	541254	22.367	ug/L	100
15) Methyl Acetate	4.665	43	78332	26.814	ug/L	100
16) Methylene chloride	4.915	84	197540	21.007	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	193819	24.120	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	298169	25.007	ug/L	99
19) 1,1-Dichloroethane	6.214	63	345527	23.797	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	205300	24.162	ug/L	92
22) 2-Butanone	7.171	43	125679	55.815	ug/L	98
23) Bromochloromethane	7.512	128	85396	23.751	ug/L	98
25) Chloroform	7.677	83	342790	23.330	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	211985	22.915	ug/L	100
29) Cyclohexane	7.957	56	331355	25.048	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	292736	23.737	ug/L	98
31) Carbon tetrachloride	8.067	117	260910	23.009	ug/L	99
33) Benzene	8.323	78	783126	24.198	ug/L	100
34) Trichloroethene	9.091	95	201193	23.733	ug/L	97
35) Methylcyclohexane	9.335	83	362701	24.121	ug/L	99
37) 1,2-Dichloropropane	9.366	63	189520	24.280	ug/L	99
38) Bromodichloromethane	9.646	83	242972	23.562	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	300434	25.190	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	227278	56.800	ug/L	98
42) Toluene	10.384	91	824924	24.328	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	249524	24.429	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	138787	24.915	ug/L	96
46) Tetrachloroethene	10.859	164	148111	24.001	ug/L	96
48) 2-Hexanone	10.969	43	175212	59.949	ug/L	100
49) Dibromochloromethane	11.128	129	158575	23.704	ug/L	96
50) 1,2-Dibromoethane	11.231	107	131186	25.295	ug/L	97
51) Chlorobenzene	11.652	112	497459	22.924	ug/L	98
52) Ethylbenzene	11.725	91	912354	23.743	ug/L	99
53) m,p-Xylene	11.835	106	346916	23.640	ug/L	95
54) o-Xylene	12.164	106	335134	23.963	ug/L	97
55) Styrene	12.176	104	573999	24.235	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	165471	25.401	ug/L	98
59) Bromoform	12.347	173	85203	24.512	ug/L	98
60) Isopropylbenzene	12.463	105	919095	23.689	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	121515	24.976	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	795445	23.935	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	766852	23.752	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	370537	23.328	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	374412	23.407	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	329088	23.757	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	28049	24.727	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	261907	23.222	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	223930	24.746	ug/L	98
71) Naphthalene	15.358	128	487425	27.476	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	192011	24.212	ug/L	97

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

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