Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
Data File : VW023210.D
Acq On : 20 May 2022 20:11
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

Quant Time: May 20 23:07:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 23:01:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	319857	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	321584	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	176155	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	134596	20.510	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.040%			
7) Chloroethane-d5	2.879	69	98137	22.987	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.960%			
11) 1,1-Dichloroethene-d2	4.019	63	184693	21.782	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.120%			
21) 2-Butanone-d5	7.080	46	61402	49.212	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.420%			
24) Chloroform-d	7.647	84	231707	24.726	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.920%			
26) 1,2-Dichloroethane-d4	8.305	65	126854	24.681	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.720%			
32) Benzene-d6	8.275	84	445114	24.014	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.040%			
36) 1,2-Dichloropropane-d6	9.268	67	126435	24.283	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.120%			
41) Toluene-d8	10.323	98	436072	24.354	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.400%			
43) trans-1,3-Dichloroprop...	10.573	79	57888	24.146	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.600%			
47) 2-Hexanone-d5	10.920	63	50677	50.985	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.960%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	126506	26.067	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.280%			
66) 1,2-Dichlorobenzene-d4	13.853	152	159422	25.889	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	56195	32.228	ug/L	95
3) Chloromethane	2.215	50	99187	29.438	ug/L	98
5) Vinyl chloride	2.355	62	153729	22.734	ug/L	98
6) Bromomethane	2.776	94	92239	21.245	ug/L	89
8) Chloroethane	2.922	64	80705	24.745	ug/L	94
9) Trichlorofluoromethane	3.251	101	70805	22.909	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	108855	23.555	ug/L	96
12) 1,1-Dichloroethene	4.044	96	95749	23.372	ug/L	83
13) Acetone	4.123	43	34029	36.428	ug/L	90
14) Carbon disulfide	4.379	76	261311	23.266	ug/L	97
15) Methyl Acetate	4.672	43	46807	24.941	ug/L	98
16) Methylene chloride	4.915	84	122341	26.139	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	112914	24.493	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	184113	26.161	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	193217	24.729	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	126011	25.448	ug/L #	98
22) 2-Butanone	7.171	43	61304	46.926	ug/L	97
23) Bromochloromethane	7.513	128	57908	24.971	ug/L	97
25) Chloroform	7.677	83	217506	25.175	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Fri May 20 23:01:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	143276	24.878	ug/L	98
29) Cyclohexane	7.958	56	173968	25.014	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	186317	24.517	ug/L	99
31) Carbon tetrachloride	8.067	117	169135	23.792	ug/L	99
33) Benzene	8.323	78	469065	24.760	ug/L	100
34) Trichloroethene	9.092	95	127686	24.508	ug/L	97
35) Methylcyclohexane	9.335	83	212018	24.771	ug/L	98
37) 1,2-Dichloropropane	9.366	63	111421	24.304	ug/L	99
38) Bromodichloromethane	9.646	83	157394	24.171	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	177599	24.983	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	141455	48.953	ug/L	99
42) Toluene	10.384	91	538157	25.348	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	159511	25.140	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	97030	25.318	ug/L	98
46) Tetrachloroethene	10.859	164	100449	25.655	ug/L	88
48) 2-Hexanone	10.969	43	98152	50.837	ug/L	98
49) Dibromochloromethane	11.128	129	116007	25.150	ug/L	98
50) 1,2-Dibromoethane	11.231	107	96161	24.988	ug/L	97
51) Chlorobenzene	11.658	112	351314	25.100	ug/L	94
52) Ethylbenzene	11.731	91	595494	25.211	ug/L	98
53) m,p-Xylene	11.835	106	237075	25.473	ug/L	96
54) o-Xylene	12.164	106	228420	25.576	ug/L	100
55) Styrene	12.176	104	393657	25.940	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	122515	25.594	ug/L	97
59) Bromoform	12.347	173	63258	25.339	ug/L	99
60) Isopropylbenzene	12.463	105	616989	25.567	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	87994	25.000	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	338067	25.180	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	517398	25.666	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	267968	24.871	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	278787	25.051	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	256626	26.028	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	18189	23.645	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	186190	26.033	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	148393	25.794	ug/L	98
71) Naphthalene	15.359	128	329441	26.346	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	135014	26.479	ug/L	97

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

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