Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082922\
Data File : VW024434.D
Acq On : 29 Aug 2022 08:37
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

Quant Time: Aug 29 22:43:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Aug 29 04:56:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	354980	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	334453	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	193857	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	185757	18.983	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.920%			
7) Chloroethane-d5	2.873	69	160708	21.920	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.680%			
11) 1,1-Dichloroethene-d2	4.013	63	211419	24.912	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.640%			
21) 2-Butanone-d5	7.074	46	81570	45.258	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.520%			
24) Chloroform-d	7.647	84	281063	24.628	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.520%			
26) 1,2-Dichloroethane-d4	8.305	65	159648	23.068	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.280%			
32) Benzene-d6	8.275	84	507006	26.458	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.840%			
36) 1,2-Dichloropropane-d6	9.274	67	157387	26.409	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.640%			
41) Toluene-d8	10.323	98	466475	25.603	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.400%			
43) trans-1,3-Dichloroprop...	10.573	79	70233	25.183	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.720%			
47) 2-Hexanone-d5	10.920	63	70322	52.730	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.460%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	163421	24.220	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.880%			
66) 1,2-Dichlorobenzene-d4	13.847	152	188299	25.794	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	71265	20.044	ug/L	97
3) Chloromethane	2.215	50	148915	22.418	ug/L	99
5) Vinyl chloride	2.355	62	247453	21.310	ug/L	100
6) Bromomethane	2.769	94	157009	19.263	ug/L	99
8) Chloroethane	2.910	64	140055	23.088	ug/L	98
9) Trichlorofluoromethane	3.239	101	120700	22.104	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	138769	26.495	ug/L	97
12) 1,1-Dichloroethene	4.031	96	124136	29.277	ug/L	98
13) Acetone	4.117	43	49077	45.628	ug/L	90
14) Carbon disulfide	4.379	76	389009	27.606	ug/L	99
15) Methyl Acetate	4.672	43	61072	23.210	ug/L	95
16) Methylene chloride	4.909	84	132881	22.320	ug/L	87
17) trans-1,2-Dichloroethene	5.415	96	139859	27.867	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	227244	27.653	ug/L	96
19) 1,1-Dichloroethane	6.214	63	243665	25.675	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	148405	26.889	ug/L #	100
22) 2-Butanone	7.165	43	82522	43.002	ug/L	97
23) Bromochloromethane	7.513	128	68448	25.398	ug/L	96
25) Chloroform	7.671	83	266452	25.305	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	182335	23.789	ug/L	99
29) Cyclohexane	7.951	56	216210	29.986	ug/L	95
30) 1,1,1-Trichloroethane	7.866	97	216513	27.458	ug/L	97
31) Carbon tetrachloride	8.067	117	203246	28.175	ug/L	100
33) Benzene	8.317	78	579382	27.824	ug/L	100
34) Trichloroethene	9.091	95	152217	27.735	ug/L	94
35) Methylcyclohexane	9.329	83	254960	28.955	ug/L	99
37) 1,2-Dichloropropane	9.366	63	142839	26.581	ug/L	98
38) Bromodichloromethane	9.640	83	197206	26.948	ug/L	91
39) cis-1,3-Dichloropropene	10.073	75	219807	29.261	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	182403	47.734	ug/L	95
42) Toluene	10.384	91	644808	28.059	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	200051	27.407	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	113871	25.985	ug/L	94
46) Tetrachloroethene	10.859	164	117613	27.593	ug/L	94
48) 2-Hexanone	10.969	43	132992	47.184	ug/L	95
49) Dibromochloromethane	11.128	129	140415	27.091	ug/L	100
50) 1,2-Dibromoethane	11.231	107	115222	27.349	ug/L	89
51) Chlorobenzene	11.652	112	419083	27.171	ug/L	98
52) Ethylbenzene	11.725	91	721428	28.395	ug/L	97
53) m,p-Xylene	11.835	106	286874	28.751	ug/L	95
54) o-Xylene	12.164	106	266279	28.548	ug/L	100
55) Styrene	12.176	104	482824	29.284	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.707	83	146844	24.007	ug/L	99
59) Bromoform	12.347	173	77310	24.851	ug/L	98
60) Isopropylbenzene	12.463	105	739731	28.730	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	106615	24.320	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	623240	30.019	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	619414	30.716	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	322331	26.184	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	334497	25.737	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	295968	25.648	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23435	21.277	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	209926	26.420	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	168232	27.237	ug/L	98
71) Naphthalene	15.359	128	372529	27.462	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	152377	26.102	ug/L	97

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

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