Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
Data File : VW024936.D
Acq On : 19 Oct 2022 13:25
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025591

Quant Time: Oct 20 01:32:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Oct 15 00:14:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	435528	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	397617	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	199066	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	111715	21.742	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.960%			
7) Chloroethane-d5	2.885	69	68978	22.929	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.720%			
11) 1,1-Dichloroethene-d2	4.031	63	272696	24.409	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.640%			
21) 2-Butanone-d5	7.080	46	74312	45.645	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.280%			
24) Chloroform-d	7.647	84	294972	24.012	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.040%			
26) 1,2-Dichloroethane-d4	8.305	65	147038	22.871	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.480%			
32) Benzene-d6	8.275	84	583483	23.401	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.600%			
36) 1,2-Dichloropropane-d6	9.274	67	178413	23.330	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.320%			
41) Toluene-d8	10.323	98	529030	23.640	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.560%			
43) trans-1,3-Dichloroprop...	10.579	79	72279	24.920	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.680%			
47) 2-Hexanone-d5	10.920	63	57445	44.803	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.600%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	135420	22.706	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.840%			
66) 1,2-Dichlorobenzene-d4	13.847	152	165715	22.780	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	51125	26.237	ug/L	90
3) Chloromethane	2.221	50	115629	25.479	ug/L	100
5) Vinyl chloride	2.361	62	176261	28.468	ug/L	100
6) Bromomethane	2.782	94	81774	27.192	ug/L	92
8) Chloroethane	2.922	64	70226	27.221	ug/L	100
9) Trichlorofluoromethane	3.263	101	98696	32.225	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	173045	27.750	ug/L	98
12) 1,1-Dichloroethene	4.044	96	167003	28.303	ug/L	85
13) Acetone	4.123	43	74420	65.324	ug/L	97
14) Carbon disulfide	4.385	76	531733	27.589	ug/L	100
15) Methyl Acetate	4.672	43	68839	24.828	ug/L	97
16) Methylene chloride	4.922	84	181425	23.593	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	176615	27.498	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	251661	26.367	ug/L	99
19) 1,1-Dichloroethane	6.220	63	325308	27.377	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	185254	26.688	ug/L	93
22) 2-Butanone	7.171	43	98136	51.636	ug/L	100
23) Bromochloromethane	7.519	128	76581	26.972	ug/L	97
25) Chloroform	7.677	83	319205	27.368	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	198224	26.282	ug/L		100
29) Cyclohexane	7.958	56	323516	28.016	ug/L		100
30) 1,1,1-Trichloroethane	7.872	97	262923	28.753	ug/L		99
31) Carbon tetrachloride	8.073	117	235890	29.380	ug/L		97
33) Benzene	8.323	78	730034	26.987	ug/L		100
34) Trichloroethene	9.092	95	186107	27.319	ug/L		98
35) Methylcyclohexane	9.335	83	346642	28.273	ug/L		99
37) 1,2-Dichloropropane	9.366	63	181299	26.893	ug/L		100
38) Bromodichloromethane	9.646	83	227265	27.284	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	273789	28.097	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	189821	47.640	ug/L		100
42) Toluene	10.384	91	773233	27.880	ug/L		99
44) trans-1,3-Dichloropropene	10.603	75	224874	27.796	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	123327	26.190	ug/L		98
46) Tetrachloroethene	10.859	164	131682	28.428	ug/L		93
48) 2-Hexanone	10.963	43	139843	51.763	ug/L		96
49) Dibromochloromethane	11.128	129	145037	27.823	ug/L		98
50) 1,2-Dibromoethane	11.231	107	114544	25.822	ug/L		95
51) Chlorobenzene	11.652	112	475653	27.287	ug/L		98
52) Ethylbenzene	11.725	91	867637	27.937	ug/L		100
53) m,p-Xylene	11.835	106	330937	28.047	ug/L		99
54) o-Xylene	12.164	106	314739	28.014	ug/L		99
55) Styrene	12.176	104	531352	27.575	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.713	83	142841	24.863	ug/L		98
59) Bromoform	12.347	173	70219	26.362	ug/L	#	99
60) Isopropylbenzene	12.463	105	847234	26.385	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	104352	23.841	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	733611	26.610	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	724704	27.263	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	348789	26.671	ug/L		92
65) 1,4-Dichlorobenzene	13.572	146	339669	25.660	ug/L		98
67) 1,2-Dichlorobenzene	13.871	146	305192	26.256	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	22383	23.526	ug/L		92
69) 1,3,5-Trichlorobenzene	14.621	180	225063	26.359	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	181338	26.176	ug/L		98
71) Naphthalene	15.359	128	368880	24.575	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	154229	26.083	ug/L		99

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

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