Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100322\
Data File : VW024702.D
Acq On : 03 Oct 2022 10:14
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

Quant Time: Oct 04 07:49:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 30 22:12:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	509367	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	460007	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	214478	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	147299	27.639	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.560%			
7) Chloroethane-d5	2.885	69	84250	27.205	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.800%			
11) 1,1-Dichloroethene-d2	4.025	63	322897	26.178	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.720%			
21) 2-Butanone-d5	7.080	46	93670	48.888	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.780%			
24) Chloroform-d	7.647	84	350504	25.740	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.960%			
26) 1,2-Dichloroethane-d4	8.305	65	175843	24.893	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.560%			
32) Benzene-d6	8.275	84	717762	24.412	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.640%			
36) 1,2-Dichloropropane-d6	9.274	67	221528	24.660	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.640%			
41) Toluene-d8	10.323	98	625329	23.796	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.200%			
43) trans-1,3-Dichloroprop...	10.573	79	84833	21.205	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.840%			
47) 2-Hexanone-d5	10.920	63	72102	46.910	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.820%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	161635	25.252	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.000%			
66) 1,2-Dichlorobenzene-d4	13.847	152	197467	26.164	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	67020	21.431	ug/L	88
3) Chloromethane	2.221	50	144330	23.700	ug/L	97
5) Vinyl chloride	2.367	62	217650	34.760	ug/L	98
6) Bromomethane	2.782	94	98140	33.961	ug/L	92
8) Chloroethane	2.928	64	83140	31.495	ug/L	96
9) Trichlorofluoromethane	3.263	101	99439	28.387	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	201993	30.233	ug/L #	78
12) 1,1-Dichloroethene	4.050	96	198941	29.855	ug/L	84
13) Acetone	4.129	43	79848	57.118	ug/L	97
14) Carbon disulfide	4.391	76	646652	30.741	ug/L	99
15) Methyl Acetate	4.672	43	81679	26.387	ug/L	100
16) Methylene chloride	4.922	84	206950	20.688	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	212585	28.394	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	314294	26.476	ug/L	100
19) 1,1-Dichloroethane	6.214	63	397027	28.344	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	230621	28.708	ug/L	97
22) 2-Butanone	7.171	43	115089	51.471	ug/L	100
23) Bromochloromethane	7.519	128	92402	28.301	ug/L	96
25) Chloroform	7.677	83	376164	28.320	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	233832	27.977	ug/L	97
29) Cyclohexane	7.958	56	399684	27.896	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	302579	27.183	ug/L	99
31) Carbon tetrachloride	8.067	117	255932	27.151	ug/L	98
33) Benzene	8.323	78	894634	27.787	ug/L	100
34) Trichloroethene	9.092	95	224716	27.537	ug/L	96
35) Methylcyclohexane	9.335	83	414456	27.706	ug/L	100
37) 1,2-Dichloropropane	9.366	63	222979	28.053	ug/L	100
38) Bromodichloromethane	9.646	83	265294	27.134	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	328216	26.113	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	237721	50.528	ug/L	99
42) Toluene	10.384	91	924782	27.814	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	265687	24.655	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	144946	26.698	ug/L	99
46) Tetrachloroethene	10.860	164	156195	28.171	ug/L	93
48) 2-Hexanone	10.969	43	163723	51.463	ug/L	99
49) Dibromochloromethane	11.128	129	159414	26.076	ug/L	96
50) 1,2-Dibromoethane	11.231	107	135348	26.338	ug/L	97
51) Chlorobenzene	11.658	112	566956	27.850	ug/L	99
52) Ethylbenzene	11.725	91	1033897	28.231	ug/L	99
53) m,p-Xylene	11.835	106	395631	27.665	ug/L	99
54) o-Xylene	12.164	106	379639	28.112	ug/L	96
55) Styrene	12.176	104	649983	28.551	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	170591	26.836	ug/L	98
59) Bromoform	12.347	173	75609	24.939	ug/L	98
60) Isopropylbenzene	12.463	105	1012122	28.954	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	125782	27.225	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	889865	29.289	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	867920	29.160	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	395424	27.844	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	397584	28.759	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	354164	28.632	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	25992	23.790	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	273681	29.024	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	223120	28.166	ug/L	99
71) Naphthalene	15.359	128	462918	26.839	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	190961	28.324	ug/L	95

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

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