Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102422\
Data File : VW024963.D
Acq On : 24 Oct 2022 13:23
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

Quant Time: Oct 27 02:06:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 20 21:14:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	469399	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	427899	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	211740	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	109959	19.856	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.440%			
7) Chloroethane-d5	2.885	69	68822	21.226	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.920%			
11) 1,1-Dichloroethene-d2	4.019	63	266384	22.124	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.480%			
21) 2-Butanone-d5	7.074	46	89024	50.736	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.480%			
24) Chloroform-d	7.647	84	298975	22.582	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.320%			
26) 1,2-Dichloroethane-d4	8.305	65	151740	21.899	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.600%			
32) Benzene-d6	8.275	84	598968	22.322	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.280%			
36) 1,2-Dichloropropane-d6	9.274	67	184843	22.460	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.840%			
41) Toluene-d8	10.323	98	540208	22.431	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.720%			
43) trans-1,3-Dichloroprop...	10.573	79	75139	24.073	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.280%			
47) 2-Hexanone-d5	10.921	63	68400	49.572	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.140%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	151987	23.681	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.720%			
66) 1,2-Dichlorobenzene-d4	13.847	152	173170	22.380	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	43862	20.886	ug/L	98
3) Chloromethane	2.221	50	121057	24.750	ug/L	100
5) Vinyl chloride	2.367	62	171424	25.689	ug/L	99
6) Bromomethane	2.782	94	80276	24.768	ug/L	88
8) Chloroethane	2.928	64	68389	24.596	ug/L	100
9) Trichlorofluoromethane	3.257	101	93484	28.321	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	169128	25.165	ug/L	99
12) 1,1-Dichloroethene	4.044	96	157396	24.750	ug/L	86
13) Acetone	4.123	43	74792	60.913	ug/L	97
14) Carbon disulfide	4.385	76	502614	24.196	ug/L	100
15) Methyl Acetate	4.672	43	73368	24.552	ug/L	99
16) Methylene chloride	4.922	84	185985	22.440	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	173352	25.042	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	273329	26.571	ug/L	99
19) 1,1-Dichloroethane	6.214	63	319967	24.984	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	185368	24.777	ug/L	100
22) 2-Butanone	7.171	43	103965	50.756	ug/L	98
23) Bromochloromethane	7.513	128	77780	25.417	ug/L	94
25) Chloroform	7.677	83	312542	24.863	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	197690	24.320	ug/L		99
29) Cyclohexane	7.958	56	308633	24.836	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	255665	25.980	ug/L		99
31) Carbon tetrachloride	8.067	117	221499	25.636	ug/L		96
33) Benzene	8.323	78	724022	24.871	ug/L		100
34) Trichloroethene	9.092	95	181608	24.772	ug/L		98
35) Methylcyclohexane	9.335	83	332970	25.236	ug/L		99
37) 1,2-Dichloropropane	9.366	63	179594	24.755	ug/L		100
38) Bromodichloromethane	9.646	83	227061	25.331	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	276172	26.336	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	210091	48.995	ug/L		99
42) Toluene	10.384	91	744167	24.933	ug/L		97
44) trans-1,3-Dichloropropene	10.604	75	230535	26.479	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	126963	25.054	ug/L		99
46) Tetrachloroethene	10.860	164	123647	24.805	ug/L		95
48) 2-Hexanone	10.969	43	147101	50.597	ug/L		97
49) Dibromochloromethane	11.128	129	143047	25.500	ug/L		98
50) 1,2-Dibromoethane	11.231	107	121615	25.475	ug/L		99
51) Chlorobenzene	11.658	112	468061	24.951	ug/L		93
52) Ethylbenzene	11.725	91	848346	25.383	ug/L		100
53) m,p-Xylene	11.835	106	327557	25.796	ug/L		96
54) o-Xylene	12.164	106	309628	25.609	ug/L		97
55) Styrene	12.176	104	532980	25.702	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	154692	25.021	ug/L		99
59) Bromoform	12.347	173	76465	26.988	ug/L	#	96
60) Isopropylbenzene	12.463	105	832076	24.362	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	110464	23.726	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	730972	24.927	ug/L		99
63) 1,2,4-Trimethylbenzene	13.243	105	703355	24.877	ug/L		98
64) 1,3-Dichlorobenzene	13.493	146	344778	24.786	ug/L		98
65) 1,4-Dichlorobenzene	13.572	146	345312	24.525	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	310960	25.150	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23715	23.434	ug/L		92
69) 1,3,5-Trichlorobenzene	14.621	180	224967	24.771	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	176972	24.017	ug/L		97
71) Naphthalene	15.359	128	389414	24.390	ug/L		100
72) 1,2,3-Trichlorobenzene	15.548	180	154030	24.490	ug/L		97

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

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