Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102422\
Data File : VW024975.D
Acq On : 24 Oct 2022 19:32
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

Quant Time: Oct 27 02:16:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 27 02:12:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	466480	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	432350	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	214246	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	115557	20.997	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.000%			
7) Chloroethane-d5	2.885	69	57604	17.877	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.520%			
11) 1,1-Dichloroethene-d2	4.025	63	261043	21.816	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.280%			
21) 2-Butanone-d5	7.080	46	95611	54.831	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.660%			
24) Chloroform-d	7.647	84	318126	24.179	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.720%			
26) 1,2-Dichloroethane-d4	8.305	65	164068	23.826	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.320%			
32) Benzene-d6	8.275	84	632324	23.323	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.280%			
36) 1,2-Dichloropropane-d6	9.274	67	200259	24.083	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.320%			
41) Toluene-d8	10.323	98	565816	23.252	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.000%			
43) trans-1,3-Dichloroprop...	10.579	79	77006	24.417	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.680%			
47) 2-Hexanone-d5	10.921	63	76175	54.639	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.280%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	162558	25.067	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.280%			
66) 1,2-Dichlorobenzene-d4	13.847	152	189486	24.202	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	40292	19.306	ug/L	94
3) Chloromethane	2.215	50	110697	22.773	ug/L	99
5) Vinyl chloride	2.361	62	158660	23.925	ug/L	98
6) Bromomethane	2.782	94	68245	21.188	ug/L	94
8) Chloroethane	2.922	64	51869	18.771	ug/L	99
9) Trichlorofluoromethane	3.257	101	80449	24.525	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	146986	22.007	ug/L	96
12) 1,1-Dichloroethene	4.044	96	146503	23.181	ug/L	93
13) Acetone	4.123	43	54891	44.985	ug/L	98
14) Carbon disulfide	4.391	76	460373	22.302	ug/L	100
15) Methyl Acetate	4.672	43	69379	23.363	ug/L	99
16) Methylene chloride	4.915	84	178120	21.626	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	157318	22.868	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	245621	24.027	ug/L	99
19) 1,1-Dichloroethane	6.214	63	292606	22.991	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	172016	23.137	ug/L	99
22) 2-Butanone	7.171	43	90758	44.585	ug/L	98
23) Bromochloromethane	7.513	128	73016	24.010	ug/L	98
25) Chloroform	7.677	83	291358	23.323	ug/L	99

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	185083	22.912	ug/L		99
29) Cyclohexane	7.958	56	280600	22.347	ug/L		99
30) 1,1,1-Trichloroethane	7.866	97	230214	23.153	ug/L		99
31) Carbon tetrachloride	8.067	117	202859	23.237	ug/L		98
33) Benzene	8.323	78	665614	22.629	ug/L		100
34) Trichloroethene	9.092	95	168404	22.734	ug/L		96
35) Methylcyclohexane	9.335	83	294610	22.099	ug/L		98
37) 1,2-Dichloropropane	9.366	63	169219	23.085	ug/L		100
38) Bromodichloromethane	9.646	83	208891	23.064	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	252837	23.863	ug/L		97
40) 4-Methyl-2-pentanone	10.207	43	198921	45.913	ug/L		100
42) Toluene	10.384	91	693629	23.000	ug/L		100
44) trans-1,3-Dichloropropene	10.604	75	210440	23.922	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	119352	23.310	ug/L		97
46) Tetrachloroethene	10.860	164	115646	22.961	ug/L		90
48) 2-Hexanone	10.963	43	137131	46.682	ug/L		97
49) Dibromochloromethane	11.128	129	133924	23.628	ug/L		99
50) 1,2-Dibromoethane	11.231	107	111733	23.164	ug/L		98
51) Chlorobenzene	11.652	112	439495	23.187	ug/L		99
52) Ethylbenzene	11.725	91	782185	23.162	ug/L		98
53) m,p-Xylene	11.835	106	297799	23.211	ug/L		98
54) o-Xylene	12.164	106	290328	23.766	ug/L		99
55) Styrene	12.176	104	495430	23.645	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.713	83	145013	23.214	ug/L		100
59) Bromoform	12.347	173	68265	23.812	ug/L	#	98
60) Isopropylbenzene	12.463	105	775249	22.432	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	105081	22.306	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	676633	22.804	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	669269	23.394	ug/L		100
64) 1,3-Dichlorobenzene	13.493	146	323180	22.962	ug/L		99
65) 1,4-Dichlorobenzene	13.572	146	322053	22.605	ug/L		95
67) 1,2-Dichlorobenzene	13.865	146	296031	23.663	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	23193	22.651	ug/L		95
69) 1,3,5-Trichlorobenzene	14.621	180	220587	24.004	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	177261	23.775	ug/L		97
71) Naphthalene	15.359	128	390524	24.174	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	150143	23.593	ug/L		100

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

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