Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
Data File : VW025124.D
Acq On : 08 Dec 2022 10:44
Operator : SY/MD
Sample : VSTD05076
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

Quant Time: Dec 08 11:15:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 23 04:05:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	426612	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	380453	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191317	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.348	65	259025	49.411	ug/L	-0.01
7) Chloroethane-d5	2.879	69	168941	49.304	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.019	63	563105	49.907	ug/L	0.00
21) 2-Butanone-d5	7.073	46	125319	115.045	ug/L	-0.01
24) Chloroform-d	7.652	84	569312	51.712	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	286173	52.633	ug/L	0.00
32) Benzene-d6	8.274	84	1158750	50.521	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	334631	50.453	ug/L	0.00
41) Toluene-d8	10.323	98	1069047	51.329	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	144868	54.131	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	104053	123.512	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	241410	54.792	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	330060	50.607	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	152310	119.766	ug/L	100
3) Chloromethane	2.214	50	228530	48.498	ug/L	97
5) Vinyl chloride	2.355	62	294875	46.188	ug/L	99
6) Bromomethane	2.775	94	146146	47.093	ug/L	94
8) Chloroethane	2.915	64	137384	46.704	ug/L	97
9) Trichlorofluoromethane	3.257	101	220591	45.800	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	288361	49.992	ug/L	98
12) 1,1-Dichloroethene	4.037	96	279524	49.641	ug/L	99
13) Acetone	4.116	43	124417	106.596	ug/L	100
14) Carbon disulfide	4.385	76	876563	46.424	ug/L	100
15) Methyl Acetate	4.665	43	105445	55.385	ug/L	99
16) Methylene chloride	4.915	84	283802	37.453	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	297716	49.771	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	442812	55.854	ug/L	99
19) 1,1-Dichloroethane	6.214	63	530088	50.292	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	315544	50.930	ug/L	95
22) 2-Butanone	7.171	43	161707	109.977	ug/L	97
23) Bromochloromethane	7.512	128	133339	53.069	ug/L	96
25) Chloroform	7.677	83	539716	51.166	ug/L	99
27) 1,2-Dichloroethane	8.396	62	336941	52.916	ug/L	99
29) Cyclohexane	7.951	56	511801	48.874	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	465375	50.300	ug/L	100
31) Carbon tetrachloride	8.067	117	421634	50.220	ug/L	100
33) Benzene	8.323	78	1211154	49.343	ug/L	100
34) Trichloroethene	9.091	95	319770	49.705	ug/L	98
35) Methylcyclohexane	9.335	83	572454	49.187	ug/L	100
37) 1,2-Dichloropropane	9.366	63	293654	49.724	ug/L	99
38) Bromodichloromethane	9.646	83	388088	51.443	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	473740	53.526	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	308106	118.095	ug/L	100
42) Toluene	10.384	91	1280885	49.491	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	396837	54.892	ug/L	98

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	206273	52.184	ug/L		96
46) Tetrachloroethene	10.859	164	231734	48.427	ug/L		95
48) 2-Hexanone	10.969	43	226749	120.308	ug/L		99
49) Dibromochloromethane	11.127	129	254016	53.787	ug/L		86
50) 1,2-Dibromoethane	11.231	107	193257	52.659	ug/L	#	98
51) Chlorobenzene	11.658	112	812281	50.595	ug/L		99
52) Ethylbenzene	11.731	91	1468175	50.408	ug/L		99
53) m,p-Xylene	11.835	106	563673	50.442	ug/L		91
54) o-Xylene	12.164	106	540284	51.774	ug/L		97
55) Styrene	12.176	104	923519	52.799	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.712	83	245103	56.165	ug/L		95
59) Bromoform	12.347	173	131806	53.755	ug/L		97
60) Isopropylbenzene	12.463	105	1478270	47.754	ug/L		100
61) 1,2,3-Trichloropropane	12.767	75	177453	51.849	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	1286030	48.614	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	1259984	49.392	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	600437	47.937	ug/L		97
65) 1,4-Dichlorobenzene	13.578	146	611007	49.218	ug/L		96
67) 1,2-Dichlorobenzene	13.865	146	537546	49.568	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.480	75	41630	60.572	ug/L		89
69) 1,3,5-Trichlorobenzene	14.621	180	409677	50.822	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	342124	57.289	ug/L		98
71) Naphthalene	15.358	128	700609	63.992	ug/L		99
72) 1,2,3-Trichlorobenzene	15.547	180	297652	59.765	ug/L		97

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

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