Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050322\
Data File : VW022786.D
Acq On : 03 May 2022 20:51
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025512

Quant Time: May 04 01:31:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 04 01:21:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	296726	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	293005	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	162748	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	142795	23.456	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.840%			
7) Chloroethane-d5	2.885	69	108556	27.409	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.640%			
11) 1,1-Dichloroethene-d2	4.019	63	173890	22.106	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.440%			
21) 2-Butanone-d5	7.080	46	55460	47.914	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.820%			
24) Chloroform-d	7.647	84	221185	25.443	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.760%			
26) 1,2-Dichloroethane-d4	8.305	65	119179	24.996	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.000%			
32) Benzene-d6	8.275	84	426894	25.277	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.120%			
36) 1,2-Dichloropropane-d6	9.275	67	122405	25.802	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.200%			
41) Toluene-d8	10.323	98	399474	24.486	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.960%			
43) trans-1,3-Dichloroprop...	10.579	79	51285	23.478	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.920%			
47) 2-Hexanone-d5	10.921	63	46836	51.716	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.440%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	112892	25.531	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.120%			
66) 1,2-Dichlorobenzene-d4	13.853	152	141557	24.882	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	43695	27.013	ug/L	96
3) Chloromethane	2.215	50	74054	23.692	ug/L	98
5) Vinyl chloride	2.361	62	142869	22.775	ug/L	96
6) Bromomethane	2.776	94	95982	23.831	ug/L	92
8) Chloroethane	2.922	64	79021	26.117	ug/L	100
9) Trichlorofluoromethane	3.257	101	53126	18.529	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	95431	22.260	ug/L	98
12) 1,1-Dichloroethene	4.038	96	85066	22.383	ug/L	84
13) Acetone	4.123	43	30368	35.043	ug/L	100
14) Carbon disulfide	4.385	76	210266	20.181	ug/L	97
15) Methyl Acetate	4.672	43	37555	21.571	ug/L	100
16) Methylene chloride	4.916	84	102274	23.555	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	93595	21.885	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	150202	23.006	ug/L #	90
19) 1,1-Dichloroethane	6.214	63	170940	23.583	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	109772	23.897	ug/L #	97
22) 2-Butanone	7.177	43	49880	41.158	ug/L	98
23) Bromochloromethane	7.513	128	49575	23.044	ug/L	96
25) Chloroform	7.677	83	198979	24.826	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	127519	23.868	ug/L	98
29) Cyclohexane	7.958	56	135279	21.348	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	159303	23.007	ug/L	99
31) Carbon tetrachloride	8.067	117	145209	22.419	ug/L	98
33) Benzene	8.323	78	410647	23.790	ug/L	100
34) Trichloroethene	9.092	95	107395	22.624	ug/L	99
35) Methylcyclohexane	9.336	83	170128	21.816	ug/L	98
37) 1,2-Dichloropropane	9.366	63	98566	23.597	ug/L	99
38) Bromodichloromethane	9.646	83	142006	23.935	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	151983	23.465	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	120025	45.588	ug/L	99
42) Toluene	10.384	91	457307	23.640	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	134209	23.215	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	82212	23.543	ug/L	98
46) Tetrachloroethene	10.860	164	79603	22.314	ug/L	90
48) 2-Hexanone	10.969	43	78502	44.625	ug/L	99
49) Dibromochloromethane	11.128	129	96089	22.864	ug/L	100
50) 1,2-Dibromoethane	11.238	107	79250	22.602	ug/L	96
51) Chlorobenzene	11.658	112	298629	23.416	ug/L	100
52) Ethylbenzene	11.731	91	505235	23.476	ug/L	98
53) m,p-Xylene	11.835	106	202235	23.849	ug/L	96
54) o-Xylene	12.164	106	194457	23.897	ug/L	96
55) Styrene	12.176	104	346170	25.035	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	104612	23.985	ug/L	95
59) Bromoform	12.347	173	51649	22.393	ug/L	99
60) Isopropylbenzene	12.463	105	538440	24.150	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	73576	22.626	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	297696	24.000	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	448332	24.072	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	231629	23.269	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	232572	22.619	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	222362	24.411	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	16055	22.591	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	143448	21.709	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	115040	21.643	ug/L	95
71) Naphthalene	15.359	128	265012	22.940	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	102913	21.846	ug/L	94

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

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