Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
Data File : VW023551.D
Acq On : 30 Jun 2022 17:32
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

Quant Time: Jul 01 05:59:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 01 05:57:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.841	114	312370	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.634	117	309242	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	165982	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.349	65	160519	35.925 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 143.680%		
7) Chloroethane-d5	2.879	69	92521	30.067 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.280%		
11) 1,1-Dichloroethene-d2	4.013	63	151844	27.466 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 109.880%		
21) 2-Butanone-d5	7.080	46	64262	57.423 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.840%		
24) Chloroform-d	7.647	84	235509	27.619 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.480%		
26) 1,2-Dichloroethane-d4	8.305	65	131211	27.864 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.440%		
32) Benzene-d6	8.274	84	454354	27.175 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.680%		
36) 1,2-Dichloropropane-d6	9.274	67	133135	26.933 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.720%		
41) Toluene-d8	10.323	98	436660	26.853 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.400%		
43) trans-1,3-Dichloroprop...	10.579	79	58519	26.723 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.880%		
47) 2-Hexanone-d5	10.920	63	55723	59.426 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.860%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134393	28.316 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.280%		
66) 1,2-Dichlorobenzene-d4	13.853	152	164838	27.230 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.920%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.007	85	56467	46.782 ug/L	97
3) Chloromethane	2.215	50	133043	35.607 ug/L	98
5) Vinyl chloride	2.355	62	170704	33.922 ug/L	97
6) Bromomethane	2.769	94	65585	19.760 ug/L	99
8) Chloroethane	2.916	64	65294	28.867 ug/L	94
9) Trichlorofluoromethane	3.251	101	46302	19.862 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	97439	25.822 ug/L	98
12) 1,1-Dichloroethene	4.044	96	83392	26.566 ug/L	90
13) Acetone	4.129	43	36342	47.151 ug/L	99
14) Carbon disulfide	4.385	76	257127	30.368 ug/L	97
15) Methyl Acetate	4.678	43	48174	27.281 ug/L	99
16) Methylene chloride	4.921	84	102476	22.998 ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	103366	26.092 ug/L	96
18) Methyl tert-butyl Ether	5.427	73	156026	26.855 ug/L	100
19) 1,1-Dichloroethane	6.214	63	184258	26.372 ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	118913	27.543 ug/L	96
22) 2-Butanone	7.177	43	69078	54.817 ug/L	96
23) Bromochloromethane	7.512	128	59280	27.742 ug/L	99
25) Chloroform	7.677	83	213590	27.386 ug/L	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 01 05:57:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	143958	27.919	ug/L	99
29) Cyclohexane	7.951	56	146767	25.100	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	159748	23.817	ug/L	98
31) Carbon tetrachloride	8.067	117	142847	23.560	ug/L	99
33) Benzene	8.323	78	453495	26.066	ug/L	100
34) Trichloroethene	9.091	95	115016	24.675	ug/L	94
35) Methylcyclohexane	9.335	83	182523	24.885	ug/L	99
37) 1,2-Dichloropropane	9.366	63	111994	26.613	ug/L	100
38) Bromodichloromethane	9.646	83	157809	26.193	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	169704	26.043	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	154452	56.001	ug/L	100
42) Toluene	10.390	91	510217	26.514	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	155485	25.816	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	96848	27.067	ug/L	95
46) Tetrachloroethene	10.859	164	87630	23.375	ug/L	93
48) 2-Hexanone	10.969	43	107783	56.897	ug/L	98
49) Dibromochloromethane	11.128	129	116271	26.593	ug/L	95
50) 1,2-Dibromoethane	11.231	107	93745	26.293	ug/L	97
51) Chlorobenzene	11.658	112	342050	25.977	ug/L	97
52) Ethylbenzene	11.731	91	565916	26.366	ug/L	98
53) m,p-Xylene	11.841	106	222367	26.351	ug/L	99
54) o-Xylene	12.164	106	216809	27.201	ug/L	96
55) Styrene	12.176	104	389107	27.932	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	123256	26.784	ug/L	96
59) Bromoform	12.347	173	61663	25.039	ug/L	96
60) Isopropylbenzene	12.463	105	572748	26.157	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	89135	26.660	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	485246	26.674	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	499346	27.352	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	265526	25.231	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	266214	24.943	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	249029	26.112	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20663	27.024	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	173925	24.753	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	140697	24.813	ug/L	100
71) Naphthalene	15.365	128	316537	26.906	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	137470	26.563	ug/L	99

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

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