Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
Data File : VW023538.D
Acq On : 30 Jun 2022 10:28
Operator : SY/VA
Sample : VSTD02536
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025436

Quant Time: Jul 01 05:30:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 01 05:29:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	360145	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	340236	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	185956	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	139711	27.161	ug/L	0.00
7) Chloroethane-d5	2.879	69	99269	28.040	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	163448	25.643	ug/L	0.00
21) 2-Butanone-d5	7.080	46	58637	43.845	ug/L	0.00
24) Chloroform-d	7.653	84	242133	24.629	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	131415	24.206	ug/L	0.00
32) Benzene-d6	8.275	84	458704	24.936	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	132622	24.385	ug/L	0.00
41) Toluene-d8	10.323	98	445363	24.893	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	59619	24.745	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	47904	46.434	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	124561	23.854	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	158274	23.337	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	32684	21.978	ug/L	100
3) Chloromethane	2.215	50	95675	22.209	ug/L	100
5) Vinyl chloride	2.361	62	152052	26.208	ug/L	100
6) Bromomethane	2.769	94	93063	24.318	ug/L	100
8) Chloroethane	2.916	64	72763	26.820	ug/L	100
9) Trichlorofluoromethane	3.239	101	54278	20.195	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	101900	23.422	ug/L	100
12) 1,1-Dichloroethene	4.038	96	88326	24.353	ug/L	100
13) Acetone	4.129	43	35322	41.479	ug/L	100
14) Carbon disulfide	4.385	76	255725	26.196	ug/L	100
15) Methyl Acetate	4.672	43	44240	21.137	ug/L	100
16) Methylene chloride	4.915	84	101241	19.707	ug/L	100
17) trans-1,2-Dichloroethene	5.421	96	107656	23.570	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	155318	23.187	ug/L	100
19) 1,1-Dichloroethane	6.214	63	189323	23.502	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	117683	23.640	ug/L	100
22) 2-Butanone	7.171	43	57680	39.700	ug/L	100
23) Bromochloromethane	7.519	128	54937	22.299	ug/L	100
25) Chloroform	7.677	83	209221	23.267	ug/L	100
27) 1,2-Dichloroethane	8.397	62	138740	23.325	ug/L	100
29) Cyclohexane	7.958	56	157583	24.509	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	172476	23.373	ug/L	100
31) Carbon tetrachloride	8.067	117	156306	23.431	ug/L	100
33) Benzene	8.323	78	453244	23.679	ug/L	100
34) Trichloroethene	9.092	95	119511	23.303	ug/L	100
35) Methylcyclohexane	9.335	83	198745	24.629	ug/L	100
37) 1,2-Dichloropropane	9.366	63	108756	23.490	ug/L	100
38) Bromodichloromethane	9.640	83	154266	23.272	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	168338	23.480	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	136243	44.899	ug/L	100
42) Toluene	10.384	91	513130	24.237	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	156990	23.692	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Fri Jul 01 05:29:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	90688	23.036	ug/L	100
46) Tetrachloroethene	10.860	164	95223	23.087	ug/L	100
48) 2-Hexanone	10.969	43	97649	46.852	ug/L	100
49) Dibromochloromethane	11.128	129	110448	22.960	ug/L	100
50) 1,2-Dibromoethane	11.231	107	88991	22.686	ug/L	100
51) Chlorobenzene	11.658	112	333495	23.020	ug/L	100
52) Ethylbenzene	11.731	91	565962	23.966	ug/L	100
53) m,p-Xylene	11.835	106	223082	24.027	ug/L	100
54) o-Xylene	12.164	106	211809	24.153	ug/L	100
55) Styrene	12.176	104	373492	24.369	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	113922	22.501	ug/L	100
59) Bromoform	12.347	173	62326	22.590	ug/L	100
60) Isopropylbenzene	12.463	105	581537	23.706	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	81624	21.791	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	485253	23.809	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	488881	23.903	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	264662	22.448	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	269011	22.498	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	243340	22.775	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	17920	20.919	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	176098	22.370	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	140033	22.043	ug/L	100
71) Naphthalene	15.365	128	297270	22.554	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	123422	21.287	ug/L	100

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

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