Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
Data File : VW024157.D
Acq On : 04 Aug 2022 10:10
Operator : SY/VA
Sample : VSTD02509
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

Quant Time: Aug 05 00:31:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 05 00:24:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	302709	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	295756	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171257	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	167851	26.528	ug/L	0.00
7) Chloroethane-d5	2.873	69	104134	26.419	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	177799	24.657	ug/L	0.00
21) 2-Butanone-d5	7.080	46	57873	45.110	ug/L	0.00
24) Chloroform-d	7.647	84	229745	25.083	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	124998	24.581	ug/L	0.00
32) Benzene-d6	8.269	84	438164	25.120	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	129128	25.074	ug/L	0.00
41) Toluene-d8	10.323	98	426313	26.149	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	57427	25.459	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	50311	52.906	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	123378	24.693	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	151293	24.141	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	62398	23.430	ug/L	100
3) Chloromethane	2.209	50	117122	23.449	ug/L	100
5) Vinyl chloride	2.349	62	166470	23.943	ug/L	100
6) Bromomethane	2.764	94	96375	24.175	ug/L	100
8) Chloroethane	2.910	64	73129	24.011	ug/L	100
9) Trichlorofluoromethane	3.245	101	74046	22.466	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	105578	23.741	ug/L	100
12) 1,1-Dichloroethene	4.032	96	87793	24.124	ug/L	100
13) Acetone	4.117	43	35995	41.080	ug/L	100
14) Carbon disulfide	4.379	76	279479	23.999	ug/L	100
15) Methyl Acetate	4.666	43	45634	24.246	ug/L	100
16) Methylene chloride	4.909	84	105645	19.791	ug/L	100
17) trans-1,2-Dichloroethene	5.415	96	99678	23.649	ug/L	100
18) Methyl tert-butyl Ether	5.422	73	149038	24.870	ug/L	100
19) 1,1-Dichloroethane	6.214	63	179172	24.202	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	111181	24.054	ug/L	100
22) 2-Butanone	7.171	43	61592	41.168	ug/L	100
23) Bromochloromethane	7.507	128	54491	23.707	ug/L	100
25) Chloroform	7.671	83	195857	24.009	ug/L	100
27) 1,2-Dichloroethane	8.397	62	134109	24.431	ug/L	100
29) Cyclohexane	7.952	56	151654	25.011	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	161473	24.210	ug/L	100
31) Carbon tetrachloride	8.061	117	149670	23.786	ug/L	100
33) Benzene	8.323	78	422573	24.191	ug/L	100
34) Trichloroethene	9.092	95	109276	23.668	ug/L	100
35) Methylcyclohexane	9.335	83	180414	24.918	ug/L	100
37) 1,2-Dichloropropane	9.366	63	104617	24.228	ug/L	100
38) Bromodichloromethane	9.640	83	147667	24.383	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	157492	24.792	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	141164	49.259	ug/L	100
42) Toluene	10.384	91	462183	24.899	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	145903	25.136	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Fri Aug 05 00:24:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	87126	23.939	ug/L	100
46) Tetrachloroethene	10.860	164	88059	23.559	ug/L	100
48) 2-Hexanone	10.969	43	100761	51.809	ug/L	100
49) Dibromochloromethane	11.128	129	107985	24.646	ug/L	100
50) 1,2-Dibromoethane	11.232	107	85247	24.447	ug/L	100
51) Chlorobenzene	11.658	112	305821	24.114	ug/L	100
52) Ethylbenzene	11.725	91	511389	25.146	ug/L	100
53) m,p-Xylene	11.835	106	200067	25.273	ug/L	100
54) o-Xylene	12.164	106	189338	25.316	ug/L	100
55) Styrene	12.176	104	342535	26.334	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	110145	24.216	ug/L	100
59) Bromoform	12.353	173	62166	23.798	ug/L	100
60) Isopropylbenzene	12.463	105	514826	24.833	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	78464	23.022	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	436031	25.451	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	427833	25.356	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	241422	23.781	ug/L	100
65) 1,4-Dichlorobenzene	13.573	146	258304	24.028	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	234479	24.323	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	17540	22.027	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	161199	24.215	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	128393	24.084	ug/L	100
71) Naphthalene	15.359	128	268801	25.886	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	118553	24.426	ug/L	100

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

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