Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024186.D
Acq On : 05 Aug 2022 11:39
Operator : SY/VA
Sample : N4004-03MSD
Misc : 5.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EY139MSD

Quant Time: Aug 05 23:45:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 05 23:43:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	567454	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	495289	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	237775	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	270109	22.773	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.080%			
7) Chloroethane-d5	2.873	69	154939	20.969	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.880%			
11) 1,1-Dichloroethene-d2	4.013	63	296559	21.939	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.760%			
21) 2-Butanone-d5	7.074	46	96078	43.539	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.080%			
24) Chloroform-d	7.647	84	369652	21.529	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.120%			
26) 1,2-Dichloroethane-d4	8.305	65	194626	20.417	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.680%			
32) Benzene-d6	8.275	84	725063	24.822	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.280%			
36) 1,2-Dichloropropane-d6	9.275	67	206433	23.936	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.760%			
41) Toluene-d8	10.323	98	687644	25.186	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.760%			
43) trans-1,3-Dichloroprop...	10.579	79	92013	24.358	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.440%			
47) 2-Hexanone-d5	10.921	63	83448	52.385	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.760%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	179907	21.501	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.000%			
66) 1,2-Dichlorobenzene-d4	13.853	152	203888	23.432	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	101370	20.305	ug/L	98
3) Chloromethane	2.209	50	158429	16.921	ug/L	99
5) Vinyl chloride	2.349	62	225359	17.290	ug/L	95
6) Bromomethane	2.764	94	111674	14.943	ug/L	96
8) Chloroethane	2.904	64	97335	17.049	ug/L	98
9) Trichlorofluoromethane	3.245	101	103043	16.678	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	148434	17.813	ug/L	98
12) 1,1-Dichloroethene	4.032	96	131079	19.214	ug/L	91
13) Acetone	4.123	43	67766	41.710	ug/L	64
14) Carbon disulfide	4.379	76	378480	17.338	ug/L	97
15) Methyl Acetate	4.666	43	61492	16.804	ug/L	98
16) Methylene chloride	4.910	84	186963	18.684	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	145053	18.412	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	225359	20.060	ug/L	99
19) 1,1-Dichloroethane	6.208	63	247487	17.833	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	161968	18.720	ug/L #	94
22) 2-Butanone	7.171	43	91882	33.562	ug/L	100
23) Bromochloromethane	7.507	128	78892	18.309	ug/L	97
25) Chloroform	7.671	83	277314	18.134	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Fri Aug 05 23:43:03 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	179672	17.461	ug/L	98
29) Cyclohexane	7.952	56	212191	20.897	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	230363	20.624	ug/L	98
31) Carbon tetrachloride	8.067	117	214043	20.313	ug/L	99
33) Benzene	8.317	78	589533	20.153	ug/L	100
34) Trichloroethene	9.092	95	153574	19.862	ug/L	97
35) Methylcyclohexane	9.329	83	238343	19.657	ug/L	97
37) 1,2-Dichloropropane	9.366	63	141592	19.581	ug/L	98
38) Bromodichloromethane	9.646	83	197627	19.486	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	230606	21.677	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	199949	41.663	ug/L	99
42) Toluene	10.384	91	637026	20.493	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	206252	21.218	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	119125	19.545	ug/L	97
46) Tetrachloroethene	10.860	164	126710	20.243	ug/L	96
48) 2-Hexanone	10.969	43	143862	44.171	ug/L	99
49) Dibromochloromethane	11.128	129	145931	19.889	ug/L	94
50) 1,2-Dibromoethane	11.232	107	114880	19.673	ug/L	97
51) Chlorobenzene	11.658	112	397736	18.727	ug/L	97
52) Ethylbenzene	11.725	91	688605	20.219	ug/L	100
53) m,p-Xylene	11.835	106	269310	20.314	ug/L	96
54) o-Xylene	12.164	106	257534	20.562	ug/L	99
55) Styrene	12.176	104	445963	20.473	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	141606	18.591	ug/L	98
59) Bromoform	12.347	173	79986	22.054	ug/L	100
60) Isopropylbenzene	12.463	105	694687	24.134	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	101184	21.383	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	560582	23.567	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	529198	22.590	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	280460	19.898	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	279765	18.744	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	259444	19.384	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	21781	19.701	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	161298	17.452	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	115851	15.652	ug/L	97
71) Naphthalene	15.359	128	278176	19.295	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	98073	14.554	ug/L	98

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

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