Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050922\
Data File : VW022934.D
Acq On : 09 May 2022 16:52
Operator : SY/VA
Sample : N2714-04MSD
Misc : 5.52g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

Quant Time: May 09 22:59:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Mon May 09 22:55:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	380424	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	343695	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	151946	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	131111	16.798	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.200%			
7) Chloroethane-d5	2.885	69	109873	21.638	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.560%			
11) 1,1-Dichloroethene-d2	4.019	63	190286	18.868	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.480%			
21) 2-Butanone-d5	7.074	46	51955	35.011	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.020%			
24) Chloroform-d	7.647	84	242535	21.761	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.040%			
26) 1,2-Dichloroethane-d4	8.305	65	124365	20.345	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.360%			
32) Benzene-d6	8.275	84	452645	22.849	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.400%			
36) 1,2-Dichloropropane-d6	9.275	67	132150	23.748	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.000%			
41) Toluene-d8	10.323	98	422264	22.065	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.280%			
43) trans-1,3-Dichloroprop...	10.579	79	50735	19.801	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.200%			
47) 2-Hexanone-d5	10.921	63	44006	41.425	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.840%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	103527	19.960	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.840%			
66) 1,2-Dichlorobenzene-d4	13.853	152	111436	20.980	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	34020	16.405	ug/L	98
3) Chloromethane	2.215	50	77577	19.358	ug/L	99
5) Vinyl chloride	2.361	62	152911	19.013	ug/L	98
6) Bromomethane	2.776	94	88993	17.234	ug/L	92
8) Chloroethane	2.922	64	86996	22.427	ug/L	96
9) Trichlorofluoromethane	3.257	101	78832	21.446	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	110422	20.090	ug/L	98
12) 1,1-Dichloroethene	4.038	96	96681	19.843	ug/L	95
13) Acetone	4.123	43	54924	49.435	ug/L	98
14) Carbon disulfide	4.385	76	215110	16.103	ug/L	99
15) Methyl Acetate	4.666	43	34898	15.635	ug/L	98
16) Methylene chloride	4.916	84	107500	19.312	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	105523	19.245	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	167117	19.966	ug/L #	79
19) 1,1-Dichloroethane	6.214	63	197762	21.281	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	122026	20.720	ug/L #	99
22) 2-Butanone	7.171	43	55758	35.886	ug/L	98
23) Bromochloromethane	7.513	128	53485	19.392	ug/L	95
25) Chloroform	7.671	83	222763	21.679	ug/L	96

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	131352	19.176	ug/L	100
29) Cyclohexane	7.952	56	149718	20.142	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	192200	23.664	ug/L	99
31) Carbon tetrachloride	8.067	117	159974	21.056	ug/L	98
33) Benzene	8.323	78	453600	22.403	ug/L	100
34) Trichloroethene	9.092	95	122592	22.016	ug/L	98
35) Methylcyclohexane	9.336	83	158522	17.330	ug/L	99
37) 1,2-Dichloropropane	9.366	63	107799	22.001	ug/L	99
38) Bromodichloromethane	9.646	83	148707	21.368	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	160575	21.135	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	110309	35.718	ug/L	96
42) Toluene	10.384	91	519021	22.874	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	137348	20.254	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	83764	20.450	ug/L	96
46) Tetrachloroethene	10.860	164	88563	21.164	ug/L	88
48) 2-Hexanone	10.963	43	79733	38.640	ug/L	98
49) Dibromochloromethane	11.128	129	96227	19.520	ug/L	100
50) 1,2-Dibromoethane	11.232	107	78545	19.097	ug/L	99
51) Chlorobenzene	11.658	112	316771	21.176	ug/L	98
52) Ethylbenzene	11.725	91	561120	22.228	ug/L	97
53) m,p-Xylene	11.835	106	217471	21.863	ug/L	97
54) o-Xylene	12.164	106	211990	22.209	ug/L	100
55) Styrene	12.176	104	331777	20.456	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	90860	17.760	ug/L	98
59) Bromoform	12.347	173	44562	20.694	ug/L	98
60) Isopropylbenzene	12.463	105	545910	26.226	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	66810	22.006	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	277170	23.934	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	420336	24.173	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	198689	21.379	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	196068	20.425	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	170851	20.090	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	12392	18.676	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	85194	13.810	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	56851	11.456	ug/L	100
71) Naphthalene	15.365	128	132508	12.285	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	41178	9.362	ug/L	91

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

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