Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023283.D
Acq On : 24 May 2022 19:36
Operator : SY/VA
Sample : N2976-03MSD
Misc : 4.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

Quant Time: May 25 00:57:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 25 00:48:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	365831	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	346968	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	163756	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.348	65	148088	19.730	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.920%			
7) Chloroethane-d5	2.885	69	115608	23.676	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.720%			
11) 1,1-Dichloroethene-d2	4.019	63	194052	20.009	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.040%			
21) 2-Butanone-d5	7.079	46	52658	36.900	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.800%			
24) Chloroform-d	7.646	84	276562	25.804	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.200%			
26) 1,2-Dichloroethane-d4	8.305	65	160478	27.300	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.200%			
32) Benzene-d6	8.274	84	500168	25.010	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.040%			
36) 1,2-Dichloropropane-d6	9.274	67	154932	27.579	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.320%			
41) Toluene-d8	10.323	98	447626	23.170	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.680%			
43) trans-1,3-Dichloroprop...	10.579	79	65064	25.154	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.600%			
47) 2-Hexanone-d5	10.926	63	38302	35.715	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.440%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	157122	30.007	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.040%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	153009	26.729	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	52161	26.155	ug/L	99
3) Chloromethane	2.214	50	120337	31.226	ug/L	100
5) Vinyl chloride	2.361	62	178367	23.063	ug/L	96
6) Bromomethane	2.775	94	94913	19.114	ug/L	94
8) Chloroethane	2.915	64	99194	26.592	ug/L	95
9) Trichlorofluoromethane	3.257	101	63379	17.930	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	115134	21.783	ug/L	97
12) 1,1-Dichloroethene	4.043	96	103469	22.083	ug/L	88
13) Acetone	4.123	43	50477	47.245	ug/L	65
14) Carbon disulfide	4.385	76	273479	21.290	ug/L	99
15) Methyl Acetate	4.665	43	50197	23.386	ug/L	98
16) Methylene chloride	4.915	84	133511	24.941	ug/L	99
17) trans-1,2-Dichloroethene	5.427	96	124297	23.573	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	225969	28.074	ug/L	99
19) 1,1-Dichloroethane	6.214	63	232021	25.963	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	146152	25.806	ug/L #	96
22) 2-Butanone	7.171	43	71151	47.619	ug/L	99
23) Bromochloromethane	7.512	128	70904	26.733	ug/L	96
25) Chloroform	7.677	83	259146	26.225	ug/L	98

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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	8.402	62	180430	27.392	ug/L		99
29) Cyclohexane	7.957	56	167195	22.281	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	203824	24.858	ug/L		99
31) Carbon tetrachloride	8.067	117	179058	23.345	ug/L		98
33) Benzene	8.323	78	526740	25.770	ug/L		100
34) Trichloroethene	9.091	95	132864	23.636	ug/L		98
35) Methylcyclohexane	9.335	83	185685	20.108	ug/L		97
37) 1,2-Dichloropropane	9.366	63	133560	27.001	ug/L	#	96
38) Bromodichloromethane	9.646	83	193890	27.597	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	192073	25.043	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	172275	55.257	ug/L		99
42) Toluene	10.384	91	542336	23.676	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	174685	25.517	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	115574	27.950	ug/L		98
46) Tetrachloroethene	10.865	164	80778	19.122	ug/L		87
48) 2-Hexanone	10.963	43	111703	53.623	ug/L		91
49) Dibromochloromethane	11.127	129	143825	28.899	ug/L		92
50) 1,2-Dibromoethane	11.237	107	114664	27.616	ug/L		94
51) Chlorobenzene	11.658	112	352589	23.348	ug/L		99
52) Ethylbenzene	11.731	91	522369	20.497	ug/L		97
53) m,p-Xylene	11.841	106	140573	13.999	ug/L		99
54) o-Xylene	12.164	106	216002	22.416	ug/L		95
55) Styrene	12.182	104	338702	20.686	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.712	83	139648	27.039	ug/L		99
59) Bromoform	12.347	173	75481	32.525	ug/L		98
60) Isopropylbenzene	12.463	105	476926	21.259	ug/L		99
61) 1,2,3-Trichloropropane	12.767	75	105473	32.235	ug/L		100
62) 1,3,5-Trimethylbenzene	12.944	105	259065	20.757	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	188217	10.043	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	235431	23.505	ug/L		94
65) 1,4-Dichlorobenzene	13.578	146	236160	22.827	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	235152	25.656	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.480	75	21973	30.727	ug/L		95
69) 1,3,5-Trichlorobenzene	14.621	180	130249	19.591	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	107216	20.047	ug/L		95
71) Naphthalene	15.364	128	310228	26.688	ug/L		99
72) 1,2,3-Trichlorobenzene	15.553	180	107171	22.610	ug/L		100

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

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