Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
Data File : VW023123.D
Acq On : 18 May 2022 11:45
Operator : SY/VA
Sample : N2883-06MSDRE
Misc : 5.89g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4K6MSDRE

Quant Time: May 19 01:22:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 19 01:20:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	346638	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	305854	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	139564	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	158937	22.348	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.400%			
7) Chloroethane-d5	2.885	69	119980	25.932	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.720%			
11) 1,1-Dichloroethene-d2	4.019	63	207384	22.568	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.280%			
21) 2-Butanone-d5	7.079	46	74323	54.965	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.940%			
24) Chloroform-d	7.653	84	281175	27.686	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.760%			
26) 1,2-Dichloroethane-d4	8.305	65	153225	27.509	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.040%			
32) Benzene-d6	8.274	84	531505	30.149	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 120.600%			
36) 1,2-Dichloropropane-d6	9.274	67	155448	31.390	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 125.560%#			
41) Toluene-d8	10.323	98	497972	29.241	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.960%			
43) trans-1,3-Dichloroprop...	10.579	79	67501	29.604	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 118.400%			
47) 2-Hexanone-d5	10.920	63	63915	67.610	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.220%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136319	29.534	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.120%			
66) 1,2-Dichlorobenzene-d4	13.853	152	140386	28.775	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 115.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	19686	10.418	ug/L	91
3) Chloromethane	2.214	50	63283	17.331	ug/L	99
5) Vinyl chloride	2.361	62	114896	15.678	ug/L	95
6) Bromomethane	2.775	94	64548	13.719	ug/L	97
8) Chloroethane	2.922	64	60782	17.196	ug/L	98
9) Trichlorofluoromethane	3.257	101	57708	17.229	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	85965	17.165	ug/L	98
12) 1,1-Dichloroethene	4.043	96	76768	17.291	ug/L	92
13) Acetone	4.123	43	90761	89.653	ug/L	99
14) Carbon disulfide	4.385	76	155626	12.786	ug/L	97
15) Methyl Acetate	4.671	43	38291	18.827	ug/L	99
16) Methylene chloride	4.915	84	90210	17.785	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	80095	16.031	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	165042	21.640	ug/L	99
19) 1,1-Dichloroethane	6.214	63	164488	19.425	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	99324	18.509	ug/L #	94
22) 2-Butanone	7.171	43	68239	48.199	ug/L	100
23) Bromochloromethane	7.512	128	47120	18.749	ug/L	93
25) Chloroform	7.677	83	188208	20.101	ug/L	94

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Quant Title : SFAM01.0
QLast Update : Thu May 19 01:20:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	117080	18.759	ug/L	98
29) Cyclohexane	7.957	56	105780	15.992	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	156388	21.637	ug/L	100
31) Carbon tetrachloride	8.073	117	133945	19.811	ug/L	100
33) Benzene	8.323	78	367685	20.407	ug/L	100
34) Trichloroethene	9.091	95	97373	19.651	ug/L	96
35) Methylcyclohexane	9.335	83	112142	13.776	ug/L	97
37) 1,2-Dichloropropane	9.366	63	92361	21.182	ug/L	99
38) Bromodichloromethane	9.646	83	130751	21.112	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	142086	21.016	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	135236	49.207	ug/L	97
42) Toluene	10.390	91	413371	20.471	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	128059	21.221	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	83075	22.791	ug/L	99
46) Tetrachloroethene	10.859	164	66037	17.734	ug/L	89
48) 2-Hexanone	10.969	43	95663	52.096	ug/L	98
49) Dibromochloromethane	11.128	129	94139	21.459	ug/L	95
50) 1,2-Dibromoethane	11.237	107	73468	20.073	ug/L	94
51) Chlorobenzene	11.658	112	258354	19.407	ug/L	97
52) Ethylbenzene	11.731	91	427672	19.037	ug/L	98
53) m,p-Xylene	11.835	106	166000	18.754	ug/L	100
54) o-Xylene	12.164	106	168557	19.844	ug/L	92
55) Styrene	12.176	104	277129	19.200	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	94318	20.717	ug/L	96
59) Bromoform	12.347	173	46456	23.488	ug/L	97
60) Isopropylbenzene	12.463	105	428749	22.425	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	70440	25.260	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	224063	21.064	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	345775	21.649	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	167618	19.636	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	164761	18.686	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	161849	20.719	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	14146	23.211	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	88597	15.636	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	68683	15.068	ug/L	94
71) Naphthalene	15.365	128	193790	19.561	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	62462	15.462	ug/L	99

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

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