Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050622\
Data File : VW022904.D
Acq On : 06 May 2022 21:44
Operator : SY/VA
Sample : N2714-04MSD
Misc : 6.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

Quant Time: May 07 03:05:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Sat May 07 01:54:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	239460	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	197570	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70627	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	113027	23.006	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.040%			
7) Chloroethane-d5	2.885	69	90652	28.362	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.440%			
11) 1,1-Dichloroethene-d2	4.019	63	136633	21.524	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.080%			
21) 2-Butanone-d5	7.080	46	56893	60.907	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.820%			
24) Chloroform-d	7.647	84	182594	26.027	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.120%			
26) 1,2-Dichloroethane-d4	8.305	65	103928	27.010	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.040%			
32) Benzene-d6	8.275	84	332769	29.222	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 116.880%			
36) 1,2-Dichloropropane-d6	9.274	67	101617	31.767	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 127.080%#			
41) Toluene-d8	10.323	98	289561	26.322	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.280%			
43) trans-1,3-Dichloroprop...	10.579	79	37203	25.259	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.040%			
47) 2-Hexanone-d5	10.921	63	45575	74.633	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 149.260%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	92292	30.954	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 123.800%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	60387	24.459	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	32094	24.586	ug/L #	84
3) Chloromethane	2.221	50	59957	23.769	ug/L	100
5) Vinyl chloride	2.361	62	111462	22.018	ug/L	100
6) Bromomethane	2.776	94	66386	20.424	ug/L	99
8) Chloroethane	2.922	64	60382	24.729	ug/L	93
9) Trichlorofluoromethane	3.251	101	45066	19.477	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	65393	18.901	ug/L	98
12) 1,1-Dichloroethene	4.038	96	63509	20.707	ug/L	87
13) Acetone	4.123	43	92115	131.716	ug/L	100
14) Carbon disulfide	4.385	76	124909	14.855	ug/L	99
15) Methyl Acetate	4.672	43	34095	24.267	ug/L	97
16) Methylene chloride	4.915	84	77697	22.174	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	68985	19.988	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	132933	25.231	ug/L	99
19) 1,1-Dichloroethane	6.214	63	133045	22.745	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	79629	21.480	ug/L #	100
22) 2-Butanone	7.171	43	69103	70.655	ug/L	99
23) Bromochloromethane	7.513	128	38763	22.328	ug/L	96
25) Chloroform	7.677	83	148556	22.967	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	102295	23.726	ug/L	99
29) Cyclohexane	7.952	56	73520	17.206	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	116568	24.967	ug/L	98
31) Carbon tetrachloride	8.067	117	89271	20.440	ug/L	99
33) Benzene	8.323	78	292665	25.145	ug/L	100
34) Trichloroethene	9.092	95	72003	22.495	ug/L	97
35) Methylcyclohexane	9.335	83	61912	11.774	ug/L	99
37) 1,2-Dichloropropane	9.366	63	74508	26.453	ug/L	99
38) Bromodichloromethane	9.646	83	95763	23.937	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	97746	22.381	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	106922	60.228	ug/L	100
42) Toluene	10.384	91	302675	23.205	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	90895	23.318	ug/L	99
45) 1,1,2-Trichloroethane	10.780	97	63897	27.138	ug/L	92
46) Tetrachloroethene	10.860	164	43504	18.085	ug/L	88
48) 2-Hexanone	10.969	43	79027	66.624	ug/L	93
49) Dibromochloromethane	11.128	129	62600	22.090	ug/L	100
50) 1,2-Dibromoethane	11.231	107	61988	26.219	ug/L	96
51) Chlorobenzene	11.658	112	176495	20.525	ug/L	98
52) Ethylbenzene	11.731	91	289418	19.944	ug/L	98
53) m,p-Xylene	11.841	106	111163	19.442	ug/L	95
54) o-Xylene	12.164	106	107476	19.588	ug/L	91
55) Styrene	12.176	104	165313	17.731	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	75395	25.637	ug/L	97
59) Bromoform	12.347	173	30352	30.324	ug/L	98
60) Isopropylbenzene	12.463	105	246145	25.440	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	57238	40.560	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	117413	21.812	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	178133	22.039	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	88700	20.533	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	90120	20.197	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	83002	20.997	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	10722	34.765	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	33134	11.555	ug/L	98
70) 1,2,4-trichlorobenzene	15.121	180	25311	10.973	ug/L	97
71) Naphthalene	15.365	128	81191	16.195	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	21693	10.611	ug/L	98

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

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