Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
Data File : VW024185.D
Acq On : 05 Aug 2022 11:15
Operator : SY/VA
Sample : N4004-02MS
Misc : 5.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EY139MS

Quant Time: Aug 05 23:44:46 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	8.841	114	543591	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	485971	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	236447	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	273993	24.114	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.440%			
7) Chloroethane-d5	2.867	69	165033	23.316	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.280%			
11) 1,1-Dichloroethene-d2	4.007	63	303889	23.468	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.880%			
21) 2-Butanone-d5	7.080	46	102221	48.356	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.720%			
24) Chloroform-d	7.647	84	377902	22.976	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.920%			
26) 1,2-Dichloroethane-d4	8.305	65	206115	22.571	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.280%			
32) Benzene-d6	8.268	84	736684	25.704	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.800%			
36) 1,2-Dichloropropane-d6	9.268	67	212434	25.104	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.400%			
41) Toluene-d8	10.323	98	699153	26.099	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.400%			
43) trans-1,3-Dichloroprop...	10.579	79	97738	26.370	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.480%			
47) 2-Hexanone-d5	10.920	63	91900	58.796	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.600%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	193328	23.548	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.200%			
66) 1,2-Dichlorobenzene-d4	13.853	152	216381	25.008	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	89704	18.757	ug/L	97
3) Chloromethane	2.209	50	150609	16.792	ug/L	97
5) Vinyl chloride	2.349	62	221701	17.756	ug/L	97
6) Bromomethane	2.763	94	107289	14.987	ug/L	95
8) Chloroethane	2.904	64	95400	17.443	ug/L	95
9) Trichlorofluoromethane	3.245	101	108820	18.386	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	148519	18.606	ug/L	98
12) 1,1-Dichloroethene	4.025	96	130292	19.937	ug/L	87
13) Acetone	4.117	43	54578	35.068	ug/L	63
14) Carbon disulfide	4.373	76	369948	17.691	ug/L	98
15) Methyl Acetate	4.665	43	63883	18.223	ug/L	97
16) Methylene chloride	4.909	84	187088	19.517	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	143467	19.010	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	225945	20.996	ug/L	100
19) 1,1-Dichloroethane	6.208	63	242137	18.214	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	155429	18.753	ug/L #	98
22) 2-Butanone	7.165	43	98150	37.425	ug/L	99
23) Bromochloromethane	7.506	128	77462	18.767	ug/L	97
25) Chloroform	7.671	83	275123	18.781	ug/L	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27)	1,2-Dichloroethane	8.396	62	179621	18.222	ug/L		99
29)	Cyclohexane	7.951	56	211875	21.266	ug/L		98
30)	1,1,1-Trichloroethane	7.866	97	228373	20.838	ug/L		99
31)	Carbon tetrachloride	8.067	117	207682	20.087	ug/L		100
33)	Benzene	8.317	78	576046	20.070	ug/L		100
34)	Trichloroethene	9.091	95	151021	19.907	ug/L		95
35)	Methylcyclohexane	9.335	83	235775	19.818	ug/L		98
37)	1,2-Dichloropropane	9.366	63	142106	20.029	ug/L		99
38)	Bromodichloromethane	9.640	83	195633	19.659	ug/L		99
39)	cis-1,3-Dichloropropene	10.073	75	223769	21.437	ug/L		97
40)	4-Methyl-2-pentanone	10.207	43	202198	42.940	ug/L		97
42)	Toluene	10.384	91	631090	20.691	ug/L		99
44)	trans-1,3-Dichloropropene	10.603	75	201877	21.166	ug/L		99
45)	1,1,2-Trichloroethane	10.786	97	120422	20.137	ug/L		99
46)	Tetrachloroethene	10.859	164	124630	20.292	ug/L		94
48)	2-Hexanone	10.969	43	148947	46.609	ug/L		99
49)	Dibromochloromethane	11.128	129	142521	19.796	ug/L		95
50)	1,2-Dibromoethane	11.231	107	115808	20.212	ug/L	#	98
51)	Chlorobenzene	11.652	112	405873	19.476	ug/L		96
52)	Ethylbenzene	11.725	91	669525	20.035	ug/L		99
53)	m,p-Xylene	11.835	106	266106	20.457	ug/L		88
54)	o-Xylene	12.164	106	256278	20.855	ug/L		92
55)	Styrene	12.176	104	429896	20.114	ug/L		99
57)	1,1,2,2-Tetrachloroethane	12.713	83	145736	19.500	ug/L		97
59)	Bromoform	12.347	173	82677	22.924	ug/L		96
60)	Isopropylbenzene	12.463	105	668731	23.363	ug/L		100
61)	1,2,3-Trichloropropane	12.768	75	103848	22.069	ug/L		99
62)	1,3,5-Trimethylbenzene	12.938	105	562194	23.768	ug/L		100
63)	1,2,4-Trimethylbenzene	13.249	105	541260	23.235	ug/L		100
64)	1,3-Dichlorobenzene	13.499	146	285512	20.370	ug/L		96
65)	1,4-Dichlorobenzene	13.578	146	286431	19.299	ug/L		97
67)	1,2-Dichlorobenzene	13.865	146	263810	19.820	ug/L		97
68)	1,2-Dibromo-3-chloropr...	14.481	75	21730	19.765	ug/L		97
69)	1,3,5-Trichlorobenzene	14.621	180	169312	18.422	ug/L		97
70)	1,2,4-trichlorobenzene	15.127	180	117919	16.021	ug/L		97
71)	Naphthalene	15.359	128	289376	20.184	ug/L		99
72)	1,2,3-Trichlorobenzene	15.554	180	109548	16.348	ug/L		97

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

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