Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022421\
Data File : VW018234.D
Acq On : 24 Feb 2021 13:10
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025103

Quant Time: Feb 25 02:47:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 25 02:45:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	450421	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	406682	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	207141	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	124657	25.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.16%			
7) Chloroethane-d5	2.891	69	96690	24.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.16%			
11) 1,1-Dichloroethene-d2	4.025	63	258196	25.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.24%			
21) 2-Butanone-d5	7.074	46	60793	56.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.38%			
24) Chloroform-d	7.647	84	267064	24.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.68%			
26) 1,2-Dichloroethane-d4	8.305	65	137457	25.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	8.275	84	531353	25.09	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.36%			
36) 1,2-Dichloropropane-d6	9.274	67	147128	25.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.12%			
41) Toluene-d8	10.323	98	495915	24.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloroprop...	10.579	79	69201	26.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.40%			
47) 2-Hexanone-d5	10.920	63	54214	58.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.34%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	129755	27.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.16%			
66) 1,2-Dichlorobenzene-d4	13.853	152	186704	24.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	140406	26.20	ug/L	98
3) Chloromethane	2.215	50	102790	25.01	ug/L	97
5) Vinyl chloride	2.367	62	160591	27.19	ug/L	98
6) Bromomethane	2.782	94	107201	26.16	ug/L	99
8) Chloroethane	2.928	64	90522	27.39	ug/L	96
9) Trichlorofluoromethane	3.263	101	110244	26.09	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	157702	27.36	ug/L	89
12) 1,1-Dichloroethene	4.044	96	153686	27.55	ug/L	88
13) Acetone	4.129	43	41216	56.51	ug/L	85
14) Carbon disulfide	4.385	76	445674	26.15	ug/L	100
15) Methyl Acetate	4.672	43	57235	29.99	ug/L	94
16) Methylene chloride	4.915	84	154952	25.36	ug/L	88
17) trans-1,2-Dichloroethene	5.421	96	162021	27.23	ug/L	89
18) Methyl tert-butyl Ether	5.421	73	166230	28.02	ug/L	94
19) 1,1-Dichloroethane	6.214	63	251395	26.98	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	168499	27.25	ug/L	91
22) 2-Butanone	7.171	43	69407	59.79	ug/L	95
23) Bromochloromethane	7.513	128	81837	27.75	ug/L #	81
25) Chloroform	7.671	83	279186	27.51	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	172669	28.13	ug/L	#	94
29) Cyclohexane	7.958	56	228059	27.96	ug/L		94
30) 1,1,1-Trichloroethane	7.866	97	226307	27.69	ug/L		95
31) Carbon tetrachloride	8.067	117	223281	28.18	ug/L		100
33) Benzene	8.323	78	597245	27.50	ug/L		100
34) Trichloroethene	9.091	95	167167	27.53	ug/L		93
35) Methylcyclohexane	9.335	83	278817	27.76	ug/L		96
37) 1,2-Dichloropropane	9.366	63	138458	27.59	ug/L		98
38) Bromodichloromethane	9.640	83	197627	28.11	ug/L		96
39) cis-1,3-Dichloropropene	10.073	75	229863	28.58	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	157090	61.64	ug/L	#	90
42) Toluene	10.384	91	666319	27.85	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	203014	29.43	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	119648	29.13	ug/L		99
46) Tetrachloroethene	10.859	164	145165	26.97	ug/L		97
48) 2-Hexanone	10.969	43	107030	61.53	ug/L	#	90
49) Dibromochloromethane	11.128	129	148798	29.31	ug/L		99
50) 1,2-Dibromoethane	11.231	107	120497	29.94	ug/L		98
51) Chlorobenzene	11.658	112	441242	27.59	ug/L		94
52) Ethylbenzene	11.725	91	735496	27.25	ug/L		100
53) m,p-Xylene	11.835	106	292249	27.73	ug/L		94
54) o-Xylene	12.164	106	277018	27.81	ug/L		90
55) Styrene	12.176	104	476500	28.51	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	137426	29.90	ug/L		99
59) Bromoform	12.347	173	85815	29.12	ug/L	#	94
60) Isopropylbenzene	12.463	105	754043	27.88	ug/L		97
61) 1,2,3-Trichloropropane	12.768	75	99268	29.27	ug/L		95
62) 1,3,5-Trimethylbenzene	12.938	105	636523	28.09	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	639660	28.32	ug/L		98
64) 1,3-Dichlorobenzene	13.493	146	355610	27.36	ug/L		99
65) 1,4-Dichlorobenzene	13.579	146	354087	27.20	ug/L		92
67) 1,2-Dichlorobenzene	13.865	146	317605	27.23	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	21835	29.62	ug/L	#	63
69) 1,3,5-Trichlorobenzene	14.627	180	274803	27.49	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	228111	27.58	ug/L		96
71) Naphthalene	15.359	128	449111	30.92	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	198771	27.44	ug/L		96

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

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