Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081321\
Data File : VW019730.D
Acq On : 13 Aug 2021 10:32
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025509

Quant Time: Aug 14 01:09:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 13 02:01:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	317145	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	300307	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	151664	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	95966	25.913	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.640%			
7) Chloroethane-d5	2.892	69	105474	28.814	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.240%			
11) 1,1-Dichloroethene-d2	4.025	63	178789	23.463	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.840%			
21) 2-Butanone-d5	7.074	46	77919	64.424	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.840%			
24) Chloroform-d	7.647	84	247563	25.820	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.280%			
26) 1,2-Dichloroethane-d4	8.305	65	140847	25.234	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.920%			
32) Benzene-d6	8.275	84	438838	22.071	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.280%			
36) 1,2-Dichloropropane-d6	9.274	67	145199	24.274	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.080%			
41) Toluene-d8	10.323	98	387650	21.373	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.480%			
43) trans-1,3-Dichloroprop...	10.579	79	62023	25.112	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.440%			
47) 2-Hexanone-d5	10.921	63	63693	60.696	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.400%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	141316	27.227	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.920%			
66) 1,2-Dichlorobenzene-d4	13.853	152	154806	27.675	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	73987	21.308	ug/L	96
3) Chloromethane	2.221	50	93141	26.512	ug/L	97
5) Vinyl chloride	2.367	62	132044	27.897	ug/L	98
6) Bromomethane	2.782	94	101766	27.447	ug/L	96
8) Chloroethane	2.928	64	91252	28.671	ug/L	98
9) Trichlorofluoromethane	3.263	101	84275	28.762	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	106613	27.303	ug/L	97
12) 1,1-Dichloroethene	4.050	96	97979	25.782	ug/L	93
13) Acetone	4.123	43	46767	47.042	ug/L	87
14) Carbon disulfide	4.391	76	261823	24.198	ug/L	100
15) Methyl Acetate	4.672	43	48949	26.327	ug/L	99
16) Methylene chloride	4.922	84	123362	23.276	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	106452	25.626	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	140426	23.265	ug/L	97
19) 1,1-Dichloroethane	6.220	63	200419	22.957	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	117503	24.960	ug/L	99
22) 2-Butanone	7.171	43	67879	51.043	ug/L	100
23) Bromochloromethane	7.519	128	55011	25.254	ug/L	92
25) Chloroform	7.677	83	212116	23.721	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Fri Aug 13 02:01:28 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	142721	22.850	ug/L	100
29) Cyclohexane	7.958	56	161642	21.721	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	164423	21.385	ug/L	99
31) Carbon tetrachloride	8.073	117	153228	21.594	ug/L	100
33) Benzene	8.323	78	454702	21.849	ug/L	100
34) Trichloroethene	9.092	95	114800	22.249	ug/L	93
35) Methylcyclohexane	9.335	83	193599	22.674	ug/L	99
37) 1,2-Dichloropropane	9.366	63	114929	22.097	ug/L	99
38) Bromodichloromethane	9.646	83	152573	23.159	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	180315	22.722	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	140448	43.939	ug/L	97
42) Toluene	10.390	91	490031	22.428	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	160883	23.151	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	88670	23.050	ug/L	98
46) Tetrachloroethene	10.860	164	88932	22.922	ug/L	99
48) 2-Hexanone	10.969	43	104874	47.692	ug/L	96
49) Dibromochloromethane	11.128	129	101096	23.718	ug/L	98
50) 1,2-Dibromoethane	11.238	107	83918	22.924	ug/L	99
51) Chlorobenzene	11.658	112	312591	23.396	ug/L	99
52) Ethylbenzene	11.731	91	532888	23.271	ug/L	98
53) m,p-Xylene	11.841	106	206757	23.716	ug/L	100
54) o-Xylene	12.164	106	197287	23.449	ug/L	98
55) Styrene	12.176	104	337435	23.355	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	112465	22.977	ug/L	97
59) Bromoform	12.347	173	55191	23.941	ug/L	97
60) Isopropylbenzene	12.463	105	532434	25.672	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	82195	23.964	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	435849	25.235	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	440750	24.463	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	227421	22.644	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	234001	23.111	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	222369	25.223	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18078	27.010	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	162575	25.339	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	134133	24.828	ug/L	97
71) Naphthalene	15.365	128	285903	27.227	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	127331	26.647	ug/L	98

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

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