Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081321\
Data File : VW019740.D
Acq On : 13 Aug 2021 17:21
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025510

Quant Time: Aug 14 01:20:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 14 01:17:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	325081	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	320271	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	159445	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	90306	23.789	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.160%			
7) Chloroethane-d5	2.897	69	100394	26.757	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.040%			
11) 1,1-Dichloroethene-d2	4.031	63	167409	21.433	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.720%			
21) 2-Butanone-d5	7.080	46	79754	64.331	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.660%			
24) Chloroform-d	7.653	84	238692	24.287	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.160%			
26) 1,2-Dichloroethane-d4	8.311	65	136449	23.850	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.400%			
32) Benzene-d6	8.281	84	419656	19.790	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 79.160%			
36) 1,2-Dichloropropane-d6	9.274	67	139075	21.801	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.200%			
41) Toluene-d8	10.323	98	369388	19.097	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.400%			
43) trans-1,3-Dichloroprop...	10.579	79	58675	22.276	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.120%			
47) 2-Hexanone-d5	10.926	63	64113	57.288	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.580%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	139476	25.197	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.800%			
66) 1,2-Dichlorobenzene-d4	13.853	152	146896	24.979	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	73201	20.567	ug/L	99
3) Chloromethane	2.221	50	100680	27.959	ug/L	98
5) Vinyl chloride	2.373	62	133395	27.495	ug/L	97
6) Bromomethane	2.782	94	98007	25.787	ug/L	96
8) Chloroethane	2.928	64	95148	29.165	ug/L	95
9) Trichlorofluoromethane	3.263	101	76660	25.524	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	103226	25.790	ug/L	96
12) 1,1-Dichloroethene	4.050	96	96940	24.886	ug/L	96
13) Acetone	4.129	43	43431	42.620	ug/L	91
14) Carbon disulfide	4.391	76	255427	23.031	ug/L	100
15) Methyl Acetate	4.671	43	52015	27.294	ug/L	100
16) Methylene chloride	4.915	84	119463	21.990	ug/L	93
17) trans-1,2-Dichloroethene	5.427	96	105964	24.885	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	140890	22.772	ug/L	97
19) 1,1-Dichloroethane	6.220	63	208351	23.283	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	121848	25.251	ug/L	98
22) 2-Butanone	7.177	43	66568	48.835	ug/L	99
23) Bromochloromethane	7.519	128	55232	24.736	ug/L	94
25) Chloroform	7.683	83	220733	24.082	ug/L	98

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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	148276	23.160	ug/L	98
29) Cyclohexane	7.957	56	161449	20.343	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	168116	20.502	ug/L	99
31) Carbon tetrachloride	8.073	117	156336	20.658	ug/L	98
33) Benzene	8.329	78	465882	20.990	ug/L	100
34) Trichloroethene	9.091	95	117879	21.421	ug/L	93
35) Methylcyclohexane	9.341	83	196524	21.581	ug/L	97
37) 1,2-Dichloropropane	9.372	63	120810	21.780	ug/L	99
38) Bromodichloromethane	9.646	83	162315	23.102	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	186354	22.019	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	154504	45.324	ug/L	98
42) Toluene	10.390	91	503370	21.602	ug/L	95
44) trans-1,3-Dichloropropene	10.609	75	167678	22.625	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	95041	23.166	ug/L	96
46) Tetrachloroethene	10.866	164	89460	21.621	ug/L	97
48) 2-Hexanone	10.969	43	109065	46.506	ug/L	96
49) Dibromochloromethane	11.128	129	108300	23.825	ug/L	99
50) 1,2-Dibromoethane	11.237	107	87852	22.503	ug/L	97
51) Chlorobenzene	11.658	112	316625	22.221	ug/L	98
52) Ethylbenzene	11.731	91	552316	22.615	ug/L	98
53) m,p-Xylene	11.841	106	210299	22.618	ug/L	99
54) o-Xylene	12.164	106	201534	22.461	ug/L	96
55) Styrene	12.182	104	359518	23.332	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	120047	22.997	ug/L	99
59) Bromoform	12.347	173	57743	23.826	ug/L	98
60) Isopropylbenzene	12.463	105	551035	25.272	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	88686	24.595	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	454765	25.045	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	452615	23.895	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	243312	23.044	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	244783	22.996	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	225224	24.300	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	19428	27.611	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	171005	25.352	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	142462	25.083	ug/L	97
71) Naphthalene	15.365	128	315957	28.621	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	134680	26.809	ug/L	98

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

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