Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080521\
Data File : VW019682.D
Acq On : 05 Aug 2021 14:51
Operator : SY/VA
Sample : M3264-03MSD
Misc : 6.49g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GB642MSD

Quant Time: Aug 06 01:39:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 06 01:35:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	496174	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	477066	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	254807	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	135961	19.340	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.360%			
7) Chloroethane-d5	2.891	69	116718	23.282	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.120%			
11) 1,1-Dichloroethene-d2	4.031	63	295976	21.820	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.280%			
21) 2-Butanone-d5	7.080	46	127040	62.261	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.520%			
24) Chloroform-d	7.653	84	340363	24.826	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.320%			
26) 1,2-Dichloroethane-d4	8.305	65	217574	28.919	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 115.680%			
32) Benzene-d6	8.281	84	660364	23.254	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.000%			
36) 1,2-Dichloropropane-d6	9.274	67	209233	23.639	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.560%			
41) Toluene-d8	10.323	98	603861	23.585	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.360%			
43) trans-1,3-Dichloroprop...	10.579	79	103646	27.344	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.360%			
47) 2-Hexanone-d5	10.927	63	111458	67.875	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.760%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	219611	30.706	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.840%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	232483	25.859	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	107095	18.120	ug/L #	88
3) Chloromethane	2.221	50	133968	22.089	ug/L	100
5) Vinyl chloride	2.367	62	175048	20.970	ug/L	98
6) Bromomethane	2.788	94	75029	16.255	ug/L	98
8) Chloroethane	2.934	64	109202	24.577	ug/L	96
9) Trichlorofluoromethane	3.269	101	167640	33.059	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	156945	24.195	ug/L	97
12) 1,1-Dichloroethene	4.050	96	148166	22.874	ug/L	93
13) Acetone	4.123	43	81977	54.524	ug/L	91
14) Carbon disulfide	4.391	76	424976	20.488	ug/L	98
15) Methyl Acetate	4.672	43	87408	26.121	ug/L	98
16) Methylene chloride	4.928	84	216990	21.937	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	165502	23.495	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	293309	30.138	ug/L	98
19) 1,1-Dichloroethane	6.220	63	317977	24.586	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	184627	24.781	ug/L	95
22) 2-Butanone	7.171	43	129667	55.737	ug/L	98
23) Bromochloromethane	7.519	128	89787	26.759	ug/L	97
25) Chloroform	7.677	83	330721	25.851	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	253381	29.438	ug/L	99
29) Cyclohexane	7.958	56	262410	21.449	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	251847	25.579	ug/L	99
31) Carbon tetrachloride	8.073	117	235549	25.713	ug/L	98
33) Benzene	8.323	78	707229	23.684	ug/L	100
34) Trichloroethene	9.092	95	178728	23.451	ug/L	95
35) Methylcyclohexane	9.335	83	307469	22.798	ug/L	96
37) 1,2-Dichloropropane	9.372	63	187332	24.756	ug/L	99
38) Bromodichloromethane	9.646	83	248126	26.443	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	299625	25.891	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	305221	63.906	ug/L	98
42) Toluene	10.390	91	776228	24.940	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	281388	27.643	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	156644	27.821	ug/L	96
46) Tetrachloroethene	10.866	164	136084	23.428	ug/L	94
48) 2-Hexanone	10.969	43	217523	66.869	ug/L	96
49) Dibromochloromethane	11.128	129	173560	28.663	ug/L	91
50) 1,2-Dibromoethane	11.237	107	152274	28.197	ug/L	99
51) Chlorobenzene	11.658	112	490339	25.054	ug/L	98
52) Ethylbenzene	11.731	91	829853	24.492	ug/L	99
53) m,p-Xylene	11.841	106	317048	24.760	ug/L	97
54) o-Xylene	12.164	106	308050	25.458	ug/L	93
55) Styrene	12.182	104	555298	26.486	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	210867	30.411	ug/L	99
59) Bromoform	12.347	173	100855	27.730	ug/L	98
60) Isopropylbenzene	12.463	105	823487	24.047	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	161554	28.943	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	696263	24.283	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	709265	24.550	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	373962	23.864	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	385829	24.917	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	363696	25.762	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	39256	32.228	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	265862	23.219	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	231684	24.202	ug/L	99
71) Naphthalene	15.365	128	597591	30.908	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	220250	25.691	ug/L	97

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

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