Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101221\
Data File : VW020453.D
Acq On : 12 Oct 2021 17:21
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025030

Quant Time: Oct 13 02:24:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 13 02:22:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	259847	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	235259	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	119367	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	78169	20.674	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.680%			
7) Chloroethane-d5	2.885	69	44730	22.396	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.600%			
11) 1,1-Dichloroethene-d2	4.019	63	178290	23.012	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.040%			
21) 2-Butanone-d5	7.086	46	55351	48.102	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.200%			
24) Chloroform-d	7.653	84	195859	23.646	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.600%			
26) 1,2-Dichloroethane-d4	8.305	65	108601	22.957	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.840%			
32) Benzene-d6	8.275	84	373022	24.105	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.400%			
36) 1,2-Dichloropropane-d6	9.274	67	118909	23.577	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.320%			
41) Toluene-d8	10.323	98	342191	24.645	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.560%			
43) trans-1,3-Dichloroprop...	10.579	79	51153	24.959	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.840%			
47) 2-Hexanone-d5	10.927	63	40909	52.727	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.460%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	91441	23.986	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.960%			
66) 1,2-Dichlorobenzene-d4	13.853	152	113292	24.263	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	38364	22.847	ug/L	99
3) Chloromethane	2.209	50	76996	22.053	ug/L	96
5) Vinyl chloride	2.355	62	116114	23.645	ug/L	98
6) Bromomethane	2.776	94	48757	22.860	ug/L	97
8) Chloroethane	2.922	64	43247	23.850	ug/L	96
9) Trichlorofluoromethane	3.251	101	62091	22.223	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	97718	24.523	ug/L	99
12) 1,1-Dichloroethene	4.038	96	92321	25.270	ug/L	94
13) Acetone	4.135	43	56067	53.071	ug/L	99
14) Carbon disulfide	4.385	76	276599	23.276	ug/L	99
15) Methyl Acetate	4.678	43	45038	22.956	ug/L	99
16) Methylene chloride	4.916	84	110092	21.794	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	95839	25.003	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	144020	26.668	ug/L	99
19) 1,1-Dichloroethane	6.220	63	195316	24.856	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	102727	25.784	ug/L	96
22) 2-Butanone	7.183	43	67082	50.727	ug/L	99
23) Bromochloromethane	7.513	128	42322	24.219	ug/L	97
25) Chloroform	7.677	83	186464	24.409	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	125876	24.091	ug/L	99
29) Cyclohexane	7.958	56	187514	27.225	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	151902	25.991	ug/L	99
31) Carbon tetrachloride	8.067	117	131042	25.502	ug/L	99
33) Benzene	8.323	78	419432	25.031	ug/L	100
34) Trichloroethene	9.092	95	105639	25.590	ug/L	99
35) Methylcyclohexane	9.335	83	185988	26.327	ug/L	99
37) 1,2-Dichloropropane	9.372	63	106910	24.637	ug/L	99
38) Bromodichloromethane	9.646	83	131584	25.291	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	160858	26.868	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	131935	50.657	ug/L	100
42) Toluene	10.390	91	437342	26.020	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	137779	26.105	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	69424	24.917	ug/L	100
46) Tetrachloroethene	10.866	164	78735	26.554	ug/L	94
48) 2-Hexanone	10.969	43	102722	53.756	ug/L	98
49) Dibromochloromethane	11.128	129	77989	25.408	ug/L	97
50) 1,2-Dibromoethane	11.238	107	64385	25.158	ug/L	98
51) Chlorobenzene	11.658	112	262703	25.347	ug/L	100
52) Ethylbenzene	11.731	91	479924	26.332	ug/L	96
53) m,p-Xylene	11.841	106	183006	27.099	ug/L	98
54) o-Xylene	12.164	106	170955	27.412	ug/L	97
55) Styrene	12.183	104	291761	26.756	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	83070	24.051	ug/L	100
59) Bromoform	12.347	173	41892	25.052	ug/L	99
60) Isopropylbenzene	12.463	105	476026	27.170	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	62438	23.743	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	402934	28.168	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	396487	27.983	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	196591	25.934	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	194189	24.766	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	176635	25.433	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	13569	24.292	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	139837	25.870	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	111693	26.096	ug/L	99
71) Naphthalene	15.365	128	208095	27.042	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	96729	25.731	ug/L	99

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

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