Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021464.D
Acq On : 18 Dec 2021 09:17
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

Quant Time: Dec 18 23:10:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	137448	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	129598	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73149	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40573	16.208	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.840%			
7) Chloroethane-d5	2.879	69	28156	17.014	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.040%			
11) 1,1-Dichloroethene-d2	4.019	63	72542	21.736	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.960%			
21) 2-Butanone-d5	7.086	46	18602	52.717	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.440%			
24) Chloroform-d	7.653	84	85682	22.369	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.480%			
26) 1,2-Dichloroethane-d4	8.305	65	45958	22.556	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.240%			
32) Benzene-d6	8.275	84	155178	21.845	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.360%			
36) 1,2-Dichloropropane-d6	9.274	67	44179	23.189	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.760%			
41) Toluene-d8	10.323	98	153968	21.213	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.840%			
43) trans-1,3-Dichloroprop...	10.579	79	20522	23.395	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.560%			
47) 2-Hexanone-d5	10.927	63	16197	57.494	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.980%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39852	24.334	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.320%			
66) 1,2-Dichlorobenzene-d4	13.847	152	64453	22.735	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	11155	21.005	ug/L	98
3) Chloromethane	2.209	50	35467	20.173	ug/L	98
5) Vinyl chloride	2.355	62	53289	19.307	ug/L	97
6) Bromomethane	2.782	94	33300	18.600	ug/L	100
8) Chloroethane	2.916	64	24321	19.127	ug/L	99
9) Trichlorofluoromethane	3.257	101	35885	24.641	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	46196	24.340	ug/L	92
12) 1,1-Dichloroethene	4.038	96	40980	24.053	ug/L	78
13) Acetone	4.147	43	13073	41.327	ug/L	92
14) Carbon disulfide	4.385	76	99405	22.593	ug/L	99
15) Methyl Acetate	4.678	43	14406	26.394	ug/L #	88
16) Methylene chloride	4.915	84	41205	18.143	ug/L	84
17) trans-1,2-Dichloroethene	5.421	96	44136	23.926	ug/L	85
18) Methyl tert-butyl Ether	5.434	73	68872	27.032	ug/L	94
19) 1,1-Dichloroethane	6.220	63	71997	24.872	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	48461	24.907	ug/L	75
22) 2-Butanone	7.177	43	19353	46.847	ug/L	86
23) Bromochloromethane	7.513	128	22698	24.949	ug/L #	65
25) Chloroform	7.677	83	82836	24.651	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	54277	25.506	ug/L		100
29) Cyclohexane	7.958	56	64283	24.920	ug/L	#	82
30) 1,1,1-Trichloroethane	7.872	97	74790	25.720	ug/L		94
31) Carbon tetrachloride	8.067	117	69490	25.906	ug/L		99
33) Benzene	8.323	78	172441	24.425	ug/L		100
34) Trichloroethene	9.092	95	49365	24.909	ug/L		91
35) Methylcyclohexane	9.335	83	79399	24.287	ug/L	#	84
37) 1,2-Dichloropropane	9.366	63	39245	24.921	ug/L	#	96
38) Bromodichloromethane	9.646	83	58887	27.197	ug/L	#	98
39) cis-1,3-Dichloropropene	10.073	75	65496	26.385	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	47494	55.351	ug/L	#	91
42) Toluene	10.384	91	202684	24.547	ug/L		96
44) trans-1,3-Dichloropropene	10.603	75	58538	26.923	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	35015	27.167	ug/L		94
46) Tetrachloroethene	10.859	164	45234	24.027	ug/L		90
48) 2-Hexanone	10.969	43	33307	53.527	ug/L	#	90
49) Dibromochloromethane	11.122	129	41724	26.259	ug/L		93
50) 1,2-Dibromoethane	11.237	107	33776	26.332	ug/L	#	97
51) Chlorobenzene	11.658	112	132943	24.049	ug/L		93
52) Ethylbenzene	11.731	91	227751	24.138	ug/L		99
53) m,p-Xylene	11.841	106	92726	24.361	ug/L		88
54) o-Xylene	12.164	106	89220	24.698	ug/L		98
55) Styrene	12.182	104	150148	24.422	ug/L		89
57) 1,1,2,2-Tetrachloroethane	12.713	83	39340	26.626	ug/L	#	97
59) Bromoform	12.347	173	24367	27.996	ug/L		96
60) Isopropylbenzene	12.463	105	245770	24.727	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	28691	26.950	ug/L	#	93
62) 1,3,5-Trimethylbenzene	12.938	105	210351	24.870	ug/L		94
63) 1,2,4-Trimethylbenzene	13.249	105	207171	24.830	ug/L		96
64) 1,3-Dichlorobenzene	13.493	146	115421	24.619	ug/L		95
65) 1,4-Dichlorobenzene	13.579	146	116751	25.065	ug/L		94
67) 1,2-Dichlorobenzene	13.871	146	102969	24.947	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6039	27.501	ug/L	#	88
69) 1,3,5-Trichlorobenzene	14.627	180	86766	24.762	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	71790	25.472	ug/L		94
71) Naphthalene	15.365	128	125834	27.481	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	60357	25.913	ug/L		98

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

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