Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011723\
Data File : VW025228.D
Acq On : 17 Jan 2023 11:51
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

Quant Time: Jan 18 00:48:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 04 00:45:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	328449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	287793	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	139641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	69499	18.226	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.920%			
7) Chloroethane-d5	2.885	69	46702	19.438	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.760%			
11) 1,1-Dichloroethene-d2	4.019	63	198495	23.767	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.080%			
21) 2-Butanone-d5	7.074	46	41076	42.504	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.000%			
24) Chloroform-d	7.647	84	214615	26.071	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.280%			
26) 1,2-Dichloroethane-d4	8.305	65	114772	27.066	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.280%			
32) Benzene-d6	8.275	84	415590	24.048	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.200%			
36) 1,2-Dichloropropane-d6	9.275	67	115720	22.891	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.560%			
41) Toluene-d8	10.323	98	390701	24.841	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.360%			
43) trans-1,3-Dichloroprop...	10.579	79	53288	24.617	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.480%			
47) 2-Hexanone-d5	10.921	63	33589	42.166	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.340%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	82920	23.455	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.800%			
66) 1,2-Dichlorobenzene-d4	13.853	152	120403	24.268	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	34748	18.652	ug/L	98
3) Chloromethane	2.215	50	61369	18.688	ug/L	98
5) Vinyl chloride	2.361	62	84529	20.181	ug/L	98
6) Bromomethane	2.782	94	44755	20.356	ug/L	98
8) Chloroethane	2.928	64	39546	20.256	ug/L	98
9) Trichlorofluoromethane	3.257	101	79174	27.290	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	100827	23.880	ug/L	95
12) 1,1-Dichloroethene	4.044	96	97648	23.980	ug/L	88
13) Acetone	4.123	43	54264	48.012	ug/L	95
14) Carbon disulfide	4.385	76	311697	23.102	ug/L	100
15) Methyl Acetate	4.678	43	32689	20.018	ug/L #	79
16) Methylene chloride	4.916	84	104325	20.536	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	104038	23.853	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	145261	23.760	ug/L	97
19) 1,1-Dichloroethane	6.214	63	181691	23.680	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	108128	23.852	ug/L	95
22) 2-Butanone	7.171	43	57484	45.773	ug/L	99
23) Bromochloromethane	7.513	128	44894	23.726	ug/L	90
25) Chloroform	7.677	83	195614	25.930	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	8.397	62	127838	27.381	ug/L		97
29) Cyclohexane	7.958	56	169117	22.294	ug/L		94
30) 1,1,1-Trichloroethane	7.872	97	173553	27.153	ug/L		99
31) Carbon tetrachloride	8.067	117	165090	28.361	ug/L		99
33) Benzene	8.323	78	418664	24.064	ug/L		100
34) Trichloroethene	9.092	95	111767	24.634	ug/L		97
35) Methylcyclohexane	9.336	83	198905	24.159	ug/L		97
37) 1,2-Dichloropropane	9.366	63	94698	22.136	ug/L		99
38) Bromodichloromethane	9.646	83	139334	26.054	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	160086	24.531	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	92581	41.467	ug/L		98
42) Toluene	10.384	91	448184	24.492	ug/L		99
44) trans-1,3-Dichloropropene	10.604	75	136873	24.517	ug/L		95
45) 1,1,2-Trichloroethane	10.786	97	69714	23.493	ug/L		97
46) Tetrachloroethene	10.860	164	83310	24.992	ug/L		88
48) 2-Hexanone	10.969	43	77500	45.262	ug/L		98
49) Dibromochloromethane	11.128	129	88734	25.622	ug/L		94
50) 1,2-Dibromoethane	11.238	107	65991	23.507	ug/L		96
51) Chlorobenzene	11.658	112	282890	24.752	ug/L		99
52) Ethylbenzene	11.725	91	504902	24.759	ug/L		98
53) m,p-Xylene	11.841	106	194129	24.633	ug/L		99
54) o-Xylene	12.164	106	181503	25.024	ug/L		96
55) Styrene	12.176	104	313094	25.400	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.713	83	76436	23.099	ug/L	#	97
59) Bromoform	12.347	173	45196	24.538	ug/L		97
60) Isopropylbenzene	12.463	105	506462	24.070	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	57158	21.941	ug/L		98
62) 1,3,5-Trimethylbenzene	12.939	105	447610	25.091	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	430976	24.490	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	212410	24.698	ug/L		96
65) 1,4-Dichlorobenzene	13.579	146	213165	25.010	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	187693	25.287	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	14002	23.996	ug/L		96
69) 1,3,5-Trichlorobenzene	14.621	180	151293	24.691	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	122654	23.572	ug/L		95
71) Naphthalene	15.359	128	226880	22.248	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	105282	23.588	ug/L		99

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

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