Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110223\
Data File : VW027524.D
Acq On : 02 Nov 2023 16:51
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025549

Quant Time: Nov 02 22:09:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 02 22:07:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	345335	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	318015	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	167173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	94450	17.921	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.680%			
7) Chloroethane-d5	2.899	69	84047	22.210	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.840%			
11) 1,1-Dichloroethene-d2	4.021	65	49543	18.760	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.040%			
21) 2-Butanone-d5	7.075	46	76840	43.865	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.720%			
24) Chloroform-d	7.648	84	255637	24.837	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.360%			
26) 1,2-Dichloroethane-d4	8.307	65	121228	21.926	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.720%			
32) Benzene-d6	8.270	84	471146	21.898	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.600%			
36) 1,2-Dichloropropane-d6	9.270	67	158388	24.101	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.400%			
41) Toluene-d8	10.319	98	398261	20.412	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.640%			
43) trans-1,3-Dichloroprop...	10.575	79	51286	17.116	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 68.480%			
47) 2-Hexanone-d5	10.922	63	57151	42.033	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.060%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115141	23.483	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.920%			
66) 1,2-Dichlorobenzene-d4	13.848	152	133366	22.015	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	82082	19.977	ug/L #	85
3) Chloromethane	2.223	50	112643	23.855	ug/L	95
5) Vinyl chloride	2.375	62	133762	25.360	ug/L	99
6) Bromomethane	2.789	94	72198	24.032	ug/L	99
8) Chloroethane	2.936	64	81995	27.006	ug/L	96
9) Trichlorofluoromethane	3.271	101	107079	28.775	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	118806	25.497	ug/L	98
12) 1,1-Dichloroethene	4.039	96	112987	24.951	ug/L	85
13) Acetone	4.119	43	63027	41.657	ug/L	97
14) Carbon disulfide	4.387	76	280963	20.014	ug/L	100
15) Methyl Acetate	4.667	43	49733	19.245	ug/L	98
16) Methylene chloride	4.917	84	144593	22.874	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	118840	24.419	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	182075	21.684	ug/L	99
19) 1,1-Dichloroethane	6.216	63	266436	26.833	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	140367	25.540	ug/L	98
22) 2-Butanone	7.167	43	76623	33.834	ug/L	100
23) Bromochloromethane	7.514	128	53758	23.692	ug/L	93
25) Chloroform	7.673	83	256833	27.637	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	148632	23.545	ug/L	97
29) Cyclohexane	7.959	56	223809	23.179	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	202513	26.106	ug/L	98
31) Carbon tetrachloride	8.069	117	172473	24.657	ug/L	100
33) Benzene	8.325	78	544950	26.220	ug/L	100
34) Trichloroethene	9.093	95	142083	25.881	ug/L	97
35) Methylcyclohexane	9.331	83	230441	23.472	ug/L	99
37) 1,2-Dichloropropane	9.368	63	148801	26.479	ug/L	99
38) Bromodichloromethane	9.642	83	170607	24.690	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	210982	22.728	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	153503	39.720	ug/L	98
42) Toluene	10.386	91	574491	26.350	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	163796	20.912	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	90682	23.450	ug/L	97
46) Tetrachloroethene	10.861	164	97739	25.783	ug/L	91
48) 2-Hexanone	10.965	43	104822	36.646	ug/L	99
49) Dibromochloromethane	11.129	129	93545	21.782	ug/L	90
50) 1,2-Dibromoethane	11.233	107	78881	21.039	ug/L	91
51) Chlorobenzene	11.654	112	349896	25.628	ug/L	97
52) Ethylbenzene	11.727	91	669817	26.438	ug/L	96
53) m,p-Xylene	11.837	106	245113	25.507	ug/L	100
54) o-Xylene	12.160	106	234543	25.488	ug/L	98
55) Styrene	12.178	104	398159	25.335	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	104330	22.100	ug/L	99
59) Bromoform	12.343	173	47601	19.136	ug/L	99
60) Isopropylbenzene	12.458	105	668517	25.456	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	76265	20.893	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	543780	24.823	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	530282	24.741	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	263626	24.754	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	266800	25.086	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	233576	24.717	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14971	16.411	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	179828	26.012	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	132563	22.529	ug/L	99
71) Naphthalene	15.360	128	228090	18.849	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	110474	22.832	ug/L	91

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

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