Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090823\
Data File : VW027017.D
Acq On : 08 Sep 2023 11:13
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

Quant Time: Sep 09 02:56:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 08 01:32:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	475959	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	483837	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	264084	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	169459	19.929	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.720%			
7) Chloroethane-d5	2.893	69	151996	22.148	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.600%			
11) 1,1-Dichloroethene-d2	4.021	65	65860	21.016	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.080%			
21) 2-Butanone-d5	7.075	46	76559	46.727	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.460%			
24) Chloroform-d	7.648	84	329619	23.273	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.080%			
26) 1,2-Dichloroethane-d4	8.307	65	173887	23.358	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.440%			
32) Benzene-d6	8.276	84	674231	21.245	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.000%			
36) 1,2-Dichloropropane-d6	9.270	67	203832	21.878	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.520%			
41) Toluene-d8	10.325	98	599897	20.879	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.520%			
43) trans-1,3-Dichloroprop...	10.575	79	78567	21.730	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.920%			
47) 2-Hexanone-d5	10.922	63	41103	47.255	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.500%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	173142	23.947	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.800%			
66) 1,2-Dichlorobenzene-d4	13.849	152	204993	22.444	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	114429	20.900	ug/L	96
3) Chloromethane	2.229	50	188690	22.848	ug/L	97
5) Vinyl chloride	2.375	62	209708	22.261	ug/L	100
6) Bromomethane	2.783	94	136959	22.029	ug/L	91
8) Chloroethane	2.930	64	136234	23.047	ug/L	97
9) Trichlorofluoromethane	3.259	101	104858	19.185	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	151118	22.264	ug/L	94
12) 1,1-Dichloroethene	4.051	96	144741	21.523	ug/L	96
13) Acetone	4.119	43	67629	47.141	ug/L	96
14) Carbon disulfide	4.393	76	479824	22.246	ug/L	99
15) Methyl Acetate	4.673	43	77890	26.113	ug/L #	90
16) Methylene chloride	4.923	84	173201	18.783	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	160400	21.793	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	236370	23.063	ug/L	99
19) 1,1-Dichloroethane	6.216	63	325496	23.460	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	176508	21.792	ug/L	93
22) 2-Butanone	7.173	43	103625	44.892	ug/L	98
23) Bromochloromethane	7.514	128	80351	22.859	ug/L	89
25) Chloroform	7.679	83	323680	23.786	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	218688	25.427	ug/L	98
29) Cyclohexane	7.959	56	267930	21.240	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	236421	21.572	ug/L	98
31) Carbon tetrachloride	8.069	117	211854	21.688	ug/L	100
33) Benzene	8.325	78	730573	22.079	ug/L	100
34) Trichloroethene	9.093	95	182312	21.444	ug/L	98
35) Methylcyclohexane	9.337	83	306752	21.236	ug/L	96
37) 1,2-Dichloropropane	9.368	63	194524	23.037	ug/L	99
38) Bromodichloromethane	9.642	83	230609	23.190	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	280234	22.355	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	218739	50.177	ug/L	97
42) Toluene	10.386	91	765220	22.472	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	235642	23.149	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	138216	22.722	ug/L	98
46) Tetrachloroethene	10.861	164	140416	21.636	ug/L	97
48) 2-Hexanone	10.965	43	152709	51.400	ug/L	98
49) Dibromochloromethane	11.123	129	140948	22.494	ug/L	90
50) 1,2-Dibromoethane	11.233	107	126511	22.973	ug/L	97
51) Chlorobenzene	11.654	112	468465	21.359	ug/L	94
52) Ethylbenzene	11.727	91	826007	21.881	ug/L	98
53) m,p-Xylene	11.837	106	311450	21.810	ug/L	89
54) o-Xylene	12.166	106	299620	22.424	ug/L	96
55) Styrene	12.178	104	541776	23.758	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	177819	24.711	ug/L	99
59) Bromoform	12.343	173	81483	21.696	ug/L	92
60) Isopropylbenzene	12.459	105	817467	22.597	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	124494	24.643	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	648518	22.465	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	659206	23.357	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	367565	22.334	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	376900	22.532	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	338246	22.811	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	27001	23.569	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	251316	21.983	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	202891	21.797	ug/L	97
71) Naphthalene	15.360	128	378578	22.985	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	184847	21.906	ug/L	99

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

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