Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090823\
Data File : VW027029.D
Acq On : 08 Sep 2023 16:42
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

Quant Time: Sep 09 03:02:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 09 02:59:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	393989	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	409220	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	239068	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	155413	22.079	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.320%			
7) Chloroethane-d5	2.893	69	144197	25.383	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.520%			
11) 1,1-Dichloroethene-d2	4.027	65	56223	21.673	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.680%			
21) 2-Butanone-d5	7.075	46	81305	59.948	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.900%			
24) Chloroform-d	7.648	84	316411	26.989	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.960%			
26) 1,2-Dichloroethane-d4	8.307	65	171320	27.802	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.200%			
32) Benzene-d6	8.276	84	630601	23.493	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.960%			
36) 1,2-Dichloropropane-d6	9.276	67	197962	25.122	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.480%			
41) Toluene-d8	10.318	98	556482	22.899	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.600%			
43) trans-1,3-Dichloroprop...	10.581	79	72542	23.722	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.880%			
47) 2-Hexanone-d5	10.922	63	45140	61.359	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.720%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	185577	30.347	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 121.400%#			
66) 1,2-Dichlorobenzene-d4	13.854	152	184367	22.298	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	108281	23.891	ug/L	94
3) Chloromethane	2.228	50	197671	28.915	ug/L	98
5) Vinyl chloride	2.381	62	206105	26.430	ug/L	95
6) Bromomethane	2.783	94	144145	28.008	ug/L	94
8) Chloroethane	2.930	64	136670	27.931	ug/L	99
9) Trichlorofluoromethane	3.265	101	111305	24.602	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	157237	27.985	ug/L #	86
12) 1,1-Dichloroethene	4.051	96	136749	24.565	ug/L	95
13) Acetone	4.124	43	63651	53.599	ug/L	99
14) Carbon disulfide	4.393	76	472613	26.471	ug/L	97
15) Methyl Acetate	4.667	43	89876	36.400	ug/L #	90
16) Methylene chloride	4.929	84	177621	23.270	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	159879	26.241	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	250532	29.530	ug/L	97
19) 1,1-Dichloroethane	6.216	63	338233	29.450	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	182686	27.247	ug/L	93
22) 2-Butanone	7.173	43	118284	61.903	ug/L	96
23) Bromochloromethane	7.514	128	86856	29.850	ug/L	93
25) Chloroform	7.679	83	337393	29.952	ug/L	95

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Quant Title : SFAM01.0
QLast Update : Sat Sep 09 02:59:49 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	235901	33.134	ug/L	98
29) Cyclohexane	7.959	56	260569	24.422	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	242351	26.145	ug/L	98
31) Carbon tetrachloride	8.069	117	216479	26.203	ug/L	99
33) Benzene	8.325	78	743209	26.557	ug/L	100
34) Trichloroethene	9.087	95	183475	25.515	ug/L	96
35) Methylcyclohexane	9.337	83	296753	24.289	ug/L	95
37) 1,2-Dichloropropane	9.367	63	204891	28.689	ug/L	100
38) Bromodichloromethane	9.642	83	236680	28.140	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	275585	25.993	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	257480	69.833	ug/L	97
42) Toluene	10.386	91	789906	27.427	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	242840	28.206	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	150501	29.253	ug/L	99
46) Tetrachloroethene	10.861	164	132553	24.149	ug/L	87
48) 2-Hexanone	10.965	43	179094	71.272	ug/L	96
49) Dibromochloromethane	11.129	129	157678	29.753	ug/L	91
50) 1,2-Dibromoethane	11.233	107	135585	29.110	ug/L	99
51) Chlorobenzene	11.654	112	481401	25.950	ug/L	98
52) Ethylbenzene	11.727	91	857422	26.854	ug/L	99
53) m,p-Xylene	11.836	106	316136	26.175	ug/L	92
54) o-Xylene	12.166	106	308501	27.299	ug/L	97
55) Styrene	12.178	104	572987	29.708	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.714	83	196539	32.292	ug/L	95
59) Bromoform	12.343	173	95787	28.174	ug/L	99
60) Isopropylbenzene	12.464	105	839763	25.642	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	145233	31.756	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	652912	24.984	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	678878	26.571	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	359242	24.113	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	397743	26.266	ug/L	83
67) 1,2-Dichlorobenzene	13.867	146	354301	26.394	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	32590	31.424	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	242975	23.477	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	211507	25.100	ug/L	94
71) Naphthalene	15.360	128	446344	29.935	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	195003	25.528	ug/L	97

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

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