Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091323\
Data File : VW027080.D
Acq On : 13 Sep 2023 09:16
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

Quant Time: Sep 14 05:43:04 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	511096	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	513948	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	294478	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	174230	19.081	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.320%			
7) Chloroethane-d5	2.893	69	159299	21.616	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.480%			
11) 1,1-Dichloroethene-d2	4.027	65	79285	23.561	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.240%			
21) 2-Butanone-d5	7.075	46	81264	46.189	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.380%			
24) Chloroform-d	7.648	84	425559	27.981	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.920%			
26) 1,2-Dichloroethane-d4	8.306	65	203330	25.436	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.760%			
32) Benzene-d6	8.276	84	876631	26.004	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.000%			
36) 1,2-Dichloropropane-d6	9.276	67	253252	25.590	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.360%			
41) Toluene-d8	10.324	98	799583	26.198	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.800%			
43) trans-1,3-Dichloroprop...	10.574	79	97132	25.291	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.160%			
47) 2-Hexanone-d5	10.922	63	46141	49.939	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.880%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215098	28.007	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.040%			
66) 1,2-Dichlorobenzene-d4	13.848	152	283168	27.803	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	133974	22.787	ug/L	98
3) Chloromethane	2.222	50	159573	17.994	ug/L	99
5) Vinyl chloride	2.368	62	217077	21.459	ug/L	98
6) Bromomethane	2.789	94	153778	23.033	ug/L	97
8) Chloroethane	2.929	64	139048	21.906	ug/L	98
9) Trichlorofluoromethane	3.265	101	158507	27.008	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	217875	29.893	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	196830	27.257	ug/L	94
13) Acetone	4.118	43	80710	52.391	ug/L	90
14) Carbon disulfide	4.392	76	557077	24.052	ug/L	96
15) Methyl Acetate	4.667	43	77542	24.209	ug/L #	94
16) Methylene chloride	4.917	84	281368	28.416	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	215776	27.301	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	299787	27.239	ug/L	99
19) 1,1-Dichloroethane	6.215	63	408606	27.426	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	245012	28.170	ug/L	95
22) 2-Butanone	7.166	43	116041	46.814	ug/L	94
23) Bromochloromethane	7.514	128	109595	29.035	ug/L	91
25) Chloroform	7.678	83	426116	29.161	ug/L	92

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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	256585	27.782	ug/L		96
29) Cyclohexane	7.959	56	320644	23.929	ug/L		94
30) 1,1,1-Trichloroethane	7.867	97	331856	28.506	ug/L		98
31) Carbon tetrachloride	8.069	117	300451	28.956	ug/L		99
33) Benzene	8.325	78	956177	27.204	ug/L		100
34) Trichloroethene	9.093	95	236678	26.207	ug/L		87
35) Methylcyclohexane	9.337	83	403142	26.273	ug/L		97
37) 1,2-Dichloropropane	9.367	63	236075	26.320	ug/L		99
38) Bromodichloromethane	9.642	83	287870	27.252	ug/L		98
39) cis-1,3-Dichloropropene	10.074	75	356546	26.777	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	224559	48.494	ug/L		96
42) Toluene	10.385	91	1023040	28.283	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	299678	27.715	ug/L		100
45) 1,1,2-Trichloroethane	10.788	97	182922	28.310	ug/L		96
46) Tetrachloroethene	10.861	164	197952	28.715	ug/L		95
48) 2-Hexanone	10.964	43	166081	52.626	ug/L		97
49) Dibromochloromethane	11.129	129	195475	29.368	ug/L		92
50) 1,2-Dibromoethane	11.233	107	163221	27.902	ug/L	#	92
51) Chlorobenzene	11.653	112	660761	28.361	ug/L		95
52) Ethylbenzene	11.727	91	1136621	28.345	ug/L		94
53) m,p-Xylene	11.836	106	445073	29.342	ug/L		99
54) o-Xylene	12.165	106	420166	29.603	ug/L		87
55) Styrene	12.178	104	744749	30.746	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.708	83	215538	28.197	ug/L		96
59) Bromoform	12.348	173	118592	28.318	ug/L		97
60) Isopropylbenzene	12.464	105	1159321	28.739	ug/L		100
61) 1,2,3-Trichloropropane	12.763	75	152160	27.011	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	953976	29.635	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	945619	30.047	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	536696	29.245	ug/L		95
65) 1,4-Dichlorobenzene	13.574	146	561844	30.121	ug/L		95
67) 1,2-Dichlorobenzene	13.866	146	471668	28.526	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.482	75	32797	25.674	ug/L	#	85
69) 1,3,5-Trichlorobenzene	14.622	180	379543	29.773	ug/L		100
70) 1,2,4-trichlorobenzene	15.128	180	287286	27.678	ug/L		97
71) Naphthalene	15.360	128	500765	27.266	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	268033	28.486	ug/L		98

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

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