Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091223\
Data File : VW027055.D
Acq On : 12 Sep 2023 09:11
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

Quant Time: Sep 13 03:06:24 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	507566	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	502355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	293235	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	175891	19.397	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.600%			
7) Chloroethane-d5	2.899	69	156319	21.359	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.440%			
11) 1,1-Dichloroethene-d2	4.027	65	76243	22.814	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.240%			
21) 2-Butanone-d5	7.081	46	86157	49.310	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.620%			
24) Chloroform-d	7.648	84	406719	26.929	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.720%			
26) 1,2-Dichloroethane-d4	8.307	65	202845	25.552	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.200%			
32) Benzene-d6	8.276	84	838275	25.440	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.760%			
36) 1,2-Dichloropropane-d6	9.276	67	241078	24.922	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.680%			
41) Toluene-d8	10.318	98	749507	25.124	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.480%			
43) trans-1,3-Dichloroprop...	10.575	79	94921	25.286	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.160%			
47) 2-Hexanone-d5	10.922	63	49548	54.864	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.720%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	221532	29.510	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.040%			
66) 1,2-Dichlorobenzene-d4	13.848	152	271401	26.760	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	135398	23.189	ug/L	91
3) Chloromethane	2.222	50	159091	18.064	ug/L	99
5) Vinyl chloride	2.375	62	214885	21.390	ug/L	98
6) Bromomethane	2.789	94	152042	22.932	ug/L	95
8) Chloroethane	2.930	64	138149	21.916	ug/L	93
9) Trichlorofluoromethane	3.265	101	149809	25.703	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	212617	29.374	ug/L	97
12) 1,1-Dichloroethene	4.045	96	183889	25.642	ug/L	90
13) Acetone	4.118	43	84340	55.128	ug/L	98
14) Carbon disulfide	4.387	76	540705	23.508	ug/L	98
15) Methyl Acetate	4.667	43	83773	26.336	ug/L #	88
16) Methylene chloride	4.917	84	229464	23.336	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	201480	25.670	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	295913	27.074	ug/L	98
19) 1,1-Dichloroethane	6.216	63	387432	26.185	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	232194	26.882	ug/L	93
22) 2-Butanone	7.173	43	122796	49.884	ug/L	95
23) Bromochloromethane	7.514	128	106643	28.449	ug/L	95
25) Chloroform	7.679	83	400921	27.627	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	253628	27.653	ug/L		99
29) Cyclohexane	7.959	56	308328	23.541	ug/L		95
30) 1,1,1-Trichloroethane	7.874	97	324730	28.537	ug/L		98
31) Carbon tetrachloride	8.069	117	296190	29.204	ug/L		100
33) Benzene	8.325	78	894382	26.033	ug/L		100
34) Trichloroethene	9.093	95	233515	26.454	ug/L		92
35) Methylcyclohexane	9.337	83	381661	25.447	ug/L		98
37) 1,2-Dichloropropane	9.367	63	227496	25.949	ug/L		98
38) Bromodichloromethane	9.642	83	285844	27.685	ug/L		97
39) cis-1,3-Dichloropropene	10.075	75	343133	26.364	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	233806	51.656	ug/L	#	95
42) Toluene	10.386	91	988633	27.963	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	292170	27.644	ug/L		98
45) 1,1,2-Trichloroethane	10.788	97	182018	28.820	ug/L		96
46) Tetrachloroethene	10.861	164	189148	28.071	ug/L		90
48) 2-Hexanone	10.965	43	171233	55.510	ug/L	#	95
49) Dibromochloromethane	11.123	129	194507	29.897	ug/L		94
50) 1,2-Dibromoethane	11.233	107	164131	28.705	ug/L		97
51) Chlorobenzene	11.654	112	636055	27.930	ug/L		96
52) Ethylbenzene	11.727	91	1083008	27.631	ug/L		99
53) m,p-Xylene	11.836	106	419541	28.297	ug/L		90
54) o-Xylene	12.166	106	398126	28.698	ug/L		90
55) Styrene	12.178	104	728560	30.771	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.714	83	227378	30.433	ug/L		99
59) Bromoform	12.349	173	124549	29.866	ug/L		97
60) Isopropylbenzene	12.464	105	1072689	26.704	ug/L		100
61) 1,2,3-Trichloropropane	12.769	75	158508	28.257	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	886320	27.650	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	892927	28.493	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	517556	28.322	ug/L		93
65) 1,4-Dichlorobenzene	13.574	146	534373	28.770	ug/L		99
67) 1,2-Dichlorobenzene	13.867	146	476954	28.968	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.482	75	33150	26.060	ug/L	#	87
69) 1,3,5-Trichlorobenzene	14.623	180	362343	28.544	ug/L		99
70) 1,2,4-trichlorobenzene	15.129	180	277336	26.833	ug/L		94
71) Naphthalene	15.360	128	520328	28.451	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	258971	27.640	ug/L		98

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

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