Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
Data File : VW027226.D
Acq On : 04 Oct 2023 18:39
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

Quant Time: Oct 04 22:53:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 04 22:49:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	516861	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	521614	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	295791	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	256126	31.540	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 126.160%			
7) Chloroethane-d5	2.899	69	213086	33.200	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 132.800%			
11) 1,1-Dichloroethene-d2	4.027	65	77723	23.036	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.160%			
21) 2-Butanone-d5	7.075	46	96690	57.595	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.200%			
24) Chloroform-d	7.648	84	384458	25.415	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.680%			
26) 1,2-Dichloroethane-d4	8.307	65	187231	25.827	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.320%			
32) Benzene-d6	8.276	84	769512	24.071	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.280%			
36) 1,2-Dichloropropane-d6	9.270	67	211110	22.058	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.240%			
41) Toluene-d8	10.325	98	799674	28.348	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.400%			
43) trans-1,3-Dichloroprop...	10.575	79	94121	25.060	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.240%			
47) 2-Hexanone-d5	10.922	63	85422	58.347	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.700%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	192078	26.224	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.880%			
66) 1,2-Dichlorobenzene-d4	13.849	152	235392	23.735	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.027	85	155612	23.170	ug/L	98
3) Chloromethane	2.229	50	295088	32.551	ug/L	99
5) Vinyl chloride	2.381	62	344395	34.795	ug/L	98
6) Bromomethane	2.790	94	212449	32.580	ug/L	96
8) Chloroethane	2.936	64	214983	35.789	ug/L	98
9) Trichlorofluoromethane	3.265	101	234577	28.199	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	207644	24.809	ug/L #	68
12) 1,1-Dichloroethene	4.052	96	199667	24.971	ug/L	92
13) Acetone	4.125	43	111301	53.653	ug/L	98
14) Carbon disulfide	4.393	76	628146	23.405	ug/L	99
15) Methyl Acetate	4.673	43	96246	27.681	ug/L	99
16) Methylene chloride	4.929	84	265273	26.218	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	216439	25.157	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	291991	27.120	ug/L	99
19) 1,1-Dichloroethane	6.222	63	405608	25.280	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	236604	25.799	ug/L	94
22) 2-Butanone	7.173	43	145358	56.656	ug/L	99
23) Bromochloromethane	7.520	128	105855	25.295	ug/L	92
25) Chloroform	7.679	83	415386	26.544	ug/L	89

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Quant Title : SFAM01.0
QLast Update : Wed Oct 04 22:49:04 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	249605	26.038	ug/L	98
29) Cyclohexane	7.959	56	337418	24.314	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	327693	25.272	ug/L	99
31) Carbon tetrachloride	8.069	117	304607	24.872	ug/L	99
33) Benzene	8.325	78	888939	24.112	ug/L	100
34) Trichloroethene	9.093	95	226073	23.482	ug/L	97
35) Methylcyclohexane	9.337	83	369736	22.833	ug/L	98
37) 1,2-Dichloropropane	9.368	63	215182	22.652	ug/L	100
38) Bromodichloromethane	9.642	83	329586	28.888	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	397208	28.378	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	323450	70.185	ug/L	100
42) Toluene	10.386	91	1071111	28.291	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	291018	25.369	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	171025	24.878	ug/L	97
46) Tetrachloroethene	10.861	164	178090	23.532	ug/L	89
48) 2-Hexanone	10.965	43	188879	52.279	ug/L	97
49) Dibromochloromethane	11.130	129	189796	25.457	ug/L	96
50) 1,2-Dibromoethane	11.233	107	160431	25.149	ug/L	97
51) Chlorobenzene	11.654	112	608123	24.204	ug/L	100
52) Ethylbenzene	11.727	91	1058571	24.888	ug/L	98
53) m,p-Xylene	11.837	106	410269	25.156	ug/L	99
54) o-Xylene	12.166	106	387250	25.418	ug/L	98
55) Styrene	12.178	104	688348	26.247	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.715	83	211724	25.677	ug/L	96
59) Bromoform	12.349	173	116130	24.863	ug/L	95
60) Isopropylbenzene	12.465	105	1062135	24.385	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	146549	24.200	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	868600	25.435	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	859328	25.678	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	492887	24.518	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	489133	24.218	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	431474	24.487	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	33329	25.694	ug/L	96
69) 1,3,5-Trichlorobenzene	14.629	180	316568	24.455	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	260888	25.545	ug/L	97
71) Naphthalene	15.360	128	456061	25.310	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	229304	25.294	ug/L	99

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

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