Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
Data File : VW025786.D
Acq On : 01 May 2023 18:29
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

Quant Time: May 02 01:43:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 02 01:41:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	611462	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	561172	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	271200	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	245036	28.279	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.120%			
7) Chloroethane-d5	2.899	69	184378	28.702	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.800%			
11) 1,1-Dichloroethene-d2	4.027	65	114665	26.428	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 105.720%			
21) 2-Butanone-d5	7.075	46	148359	51.792	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.580%			
24) Chloroform-d	7.648	84	479832	27.214	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.840%			
26) 1,2-Dichloroethane-d4	8.307	65	269892	27.070	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.280%			
32) Benzene-d6	8.276	84	991992	27.053	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.200%			
36) 1,2-Dichloropropane-d6	9.276	67	313537	26.725	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.880%			
41) Toluene-d8	10.324	98	887997	27.158	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.640%			
43) trans-1,3-Dichloroprop...	10.574	79	121616	25.573	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.280%			
47) 2-Hexanone-d5	10.922	63	105545	52.758	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.520%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	233209	26.080	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.320%			
66) 1,2-Dichlorobenzene-d4	13.848	152	267187	27.026	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	141709	20.744	ug/L	97
3) Chloromethane	2.222	50	264764	26.286	ug/L	100
5) Vinyl chloride	2.375	62	267672	25.675	ug/L	100
6) Bromomethane	2.789	94	144274	25.443	ug/L	97
8) Chloroethane	2.929	64	153114	25.828	ug/L	99
9) Trichlorofluoromethane	3.265	101	177684	22.583	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	199013	23.258	ug/L	93
12) 1,1-Dichloroethene	4.051	96	203995	24.945	ug/L	95
13) Acetone	4.118	43	102584	40.388	ug/L	97
14) Carbon disulfide	4.393	76	697179	25.210	ug/L	100
15) Methyl Acetate	4.667	43	124972	24.968	ug/L	99
16) Methylene chloride	4.923	84	268950	21.328	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	225382	25.263	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	344885	25.471	ug/L	100
19) 1,1-Dichloroethane	6.215	63	468142	25.541	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	244063	25.500	ug/L	99
22) 2-Butanone	7.173	43	163137	46.515	ug/L	99
23) Bromochloromethane	7.514	128	103418	25.506	ug/L	97
25) Chloroform	7.679	83	435034	25.824	ug/L	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 02 01:41:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	303345	25.355	ug/L	98
29) Cyclohexane	7.959	56	425894	24.490	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	334350	24.362	ug/L	99
31) Carbon tetrachloride	8.075	117	295219	23.903	ug/L	99
33) Benzene	8.325	78	979413	25.227	ug/L	100
34) Trichloroethene	9.093	95	243039	24.395	ug/L	98
35) Methylcyclohexane	9.337	83	429460	24.237	ug/L	99
37) 1,2-Dichloropropane	9.367	63	266031	25.010	ug/L	100
38) Bromodichloromethane	9.642	83	305017	24.994	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	388276	24.891	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	349670	50.503	ug/L	99
42) Toluene	10.385	91	1004460	25.320	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	320011	24.758	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	179678	25.252	ug/L	98
46) Tetrachloroethene	10.861	164	168300	24.012	ug/L	93
48) 2-Hexanone	10.965	43	246202	49.637	ug/L	99
49) Dibromochloromethane	11.129	129	184139	24.997	ug/L	97
50) 1,2-Dibromoethane	11.233	107	166941	25.450	ug/L	97
51) Chlorobenzene	11.653	112	631379	25.691	ug/L	97
52) Ethylbenzene	11.727	91	1121619	25.135	ug/L	97
53) m,p-Xylene	11.836	106	423378	25.778	ug/L	93
54) o-Xylene	12.166	106	394369	25.475	ug/L	96
55) Styrene	12.178	104	692500	26.136	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	222752	25.089	ug/L	96
59) Bromoform	12.349	173	103804	25.841	ug/L	98
60) Isopropylbenzene	12.458	105	1091601	26.480	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	163338	25.484	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	896707	27.463	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	807677	26.806	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	453178	25.537	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	465924	25.987	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	414403	26.184	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	35069	23.596	ug/L	91
69) 1,3,5-Trichlorobenzene	14.622	180	295277	25.067	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	255120	25.852	ug/L	99
71) Naphthalene	15.360	128	500411	26.866	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	229068	26.160	ug/L	98

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

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