Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053124\
Data File : VW028949.D
Acq On : 31 May 2024 17:37
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

Quant Time: Jun 01 00:36:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 01 00:30:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	253013	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	242765	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	126716	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	97436	20.280	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.120%			
7) Chloroethane-d5	2.899	69	81819	22.241	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.960%			
11) 1,1-Dichloroethene-d2	4.021	65	43282	21.562	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.240%			
21) 2-Butanone-d5	7.075	46	58836	46.938	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.880%			
24) Chloroform-d	7.648	84	216132	27.338	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.360%			
26) 1,2-Dichloroethane-d4	8.306	65	115468	25.511	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.040%			
32) Benzene-d6	8.276	84	406129	25.074	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.280%			
36) 1,2-Dichloropropane-d6	9.276	67	127053	26.068	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.280%			
41) Toluene-d8	10.318	98	365706	25.496	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.000%			
43) trans-1,3-Dichloroprop...	10.574	79	49222	25.104	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.400%			
47) 2-Hexanone-d5	10.922	63	42486	50.541	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.080%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103721	25.379	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.520%			
66) 1,2-Dichlorobenzene-d4	13.848	152	119810	24.807	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	66727	18.148	ug/L	98
3) Chloromethane	2.222	50	88472	19.423	ug/L	95
5) Vinyl chloride	2.375	62	104148	20.309	ug/L	99
6) Bromomethane	2.789	94	63836	21.518	ug/L	98
8) Chloroethane	2.935	64	66873	22.865	ug/L	100
9) Trichlorofluoromethane	3.265	101	80628	19.150	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	85745	22.089	ug/L #	89
12) 1,1-Dichloroethene	4.039	96	83462	23.969	ug/L	90
13) Acetone	4.118	43	49104	43.062	ug/L	95
14) Carbon disulfide	4.392	76	223220	18.968	ug/L	99
15) Methyl Acetate	4.679	43	44078	22.218	ug/L	100
16) Methylene chloride	4.923	84	102895	26.295	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	91192	25.155	ug/L	91
18) Methyl tert-butyl Ether	5.435	73	146942	27.466	ug/L	98
19) 1,1-Dichloroethane	6.221	63	198247	27.577	ug/L	96
20) cis-1,2-Dichloroethene	7.172	96	105211	27.731	ug/L	95
22) 2-Butanone	7.166	43	61996	42.357	ug/L	97
23) Bromochloromethane	7.520	128	46295	27.973	ug/L	85
25) Chloroform	7.678	83	194546	27.979	ug/L	93

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Quant Title : SFAM01.0
QLast Update : Sat Jun 01 00:30:04 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133414	26.395	ug/L	99
29) Cyclohexane	7.959	56	138562	20.018	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	151928	24.974	ug/L	98
31) Carbon tetrachloride	8.069	117	135650	24.456	ug/L	97
33) Benzene	8.325	78	414832	26.352	ug/L	100
34) Trichloroethene	9.087	95	103877	24.611	ug/L	98
35) Methylcyclohexane	9.337	83	157426	21.343	ug/L	98
37) 1,2-Dichloropropane	9.367	63	112243	27.363	ug/L	100
38) Bromodichloromethane	9.642	83	137128	27.424	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	165134	28.087	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	130993	46.920	ug/L	99
42) Toluene	10.385	91	443332	27.266	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	135714	27.377	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	78283	26.344	ug/L	96
46) Tetrachloroethene	10.861	164	75290	24.759	ug/L	97
48) 2-Hexanone	10.964	43	96136	48.775	ug/L	100
49) Dibromochloromethane	11.129	129	83451	27.998	ug/L	98
50) 1,2-Dibromoethane	11.233	107	71072	25.533	ug/L	98
51) Chlorobenzene	11.653	112	275370	27.380	ug/L	99
52) Ethylbenzene	11.727	91	499737	27.159	ug/L	97
53) m,p-Xylene	11.836	106	183972	27.276	ug/L	99
54) o-Xylene	12.159	106	179266	28.730	ug/L	96
55) Styrene	12.178	104	319935	30.260	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	95259	25.551	ug/L	98
59) Bromoform	12.342	173	45122	24.408	ug/L	100
60) Isopropylbenzene	12.458	105	500471	26.033	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	70219	22.930	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	371699	27.327	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	398840	27.214	ug/L	95
64) 1,3-Dichlorobenzene	13.494	146	212850	26.615	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	217985	26.660	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	195276	27.281	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	14996	20.944	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	146593	27.316	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	121229	27.957	ug/L	99
71) Naphthalene	15.360	128	230154	24.912	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	104561	26.723	ug/L	96

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

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