Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041824\
Data File : VW028484.D
Acq On : 18 Apr 2024 15:08
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025557

Quant Time: Apr 18 15:26:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 18 02:19:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	319030	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	292542	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147411	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	87133	17.036	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.160%			
7) Chloroethane-d5	2.899	69	75576	19.496	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.000%			
11) 1,1-Dichloroethene-d2	4.027	65	38111	17.596	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.400%			
21) 2-Butanone-d5	7.075	46	54333	56.770	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.540%			
24) Chloroform-d	7.648	84	191057	22.950	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.800%			
26) 1,2-Dichloroethane-d4	8.307	65	104914	24.250	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.000%			
32) Benzene-d6	8.276	84	351720	22.008	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.040%			
36) 1,2-Dichloropropane-d6	9.276	67	107411	22.611	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.440%			
41) Toluene-d8	10.325	98	316389	21.772	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.080%			
43) trans-1,3-Dichloroprop...	10.575	79	43585	23.075	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.280%			
47) 2-Hexanone-d5	10.922	63	37285	56.663	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.320%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89718	26.769	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.080%			
66) 1,2-Dichlorobenzene-d4	13.849	152	107101	22.974	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	85710	19.975	ug/L	96
3) Chloromethane	2.223	50	109701	21.775	ug/L	99
5) Vinyl chloride	2.375	62	124976	20.831	ug/L	98
6) Bromomethane	2.796	94	79043	21.087	ug/L	98
8) Chloroethane	2.942	64	80029	22.128	ug/L	100
9) Trichlorofluoromethane	3.271	101	97648	20.402	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	98269	21.824	ug/L	96
12) 1,1-Dichloroethene	4.051	96	90243	21.345	ug/L	92
13) Acetone	4.125	43	47389	40.326	ug/L	97
14) Carbon disulfide	4.393	76	284286	20.424	ug/L	100
15) Methyl Acetate	4.673	43	49067	25.950	ug/L	100
16) Methylene chloride	4.923	84	105920	21.941	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	100092	22.475	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	152239	24.301	ug/L	99
19) 1,1-Dichloroethane	6.222	63	203482	23.451	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	111775	23.647	ug/L	97
22) 2-Butanone	7.173	43	63406	44.460	ug/L	100
23) Bromochloromethane	7.520	128	49577	24.351	ug/L	94
25) Chloroform	7.679	83	202571	23.766	ug/L	95

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Quant Title : SFAM01.0
QLast Update : Thu Apr 18 02:19:47 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	144482	24.559	ug/L	100
29) Cyclohexane	7.959	56	171453	22.188	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	160705	22.651	ug/L	99
31) Carbon tetrachloride	8.069	117	141331	22.464	ug/L	97
33) Benzene	8.325	78	429166	23.464	ug/L	100
34) Trichloroethene	9.093	95	111473	22.489	ug/L	96
35) Methylcyclohexane	9.337	83	186235	22.017	ug/L	99
37) 1,2-Dichloropropane	9.368	63	114206	23.957	ug/L	100
38) Bromodichloromethane	9.642	83	142723	24.154	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	169283	24.215	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	134253	56.256	ug/L	99
42) Toluene	10.386	91	456735	23.571	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	140939	24.921	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	78801	24.433	ug/L	93
46) Tetrachloroethene	10.861	164	81269	21.950	ug/L	86
48) 2-Hexanone	10.965	43	95383	50.353	ug/L	98
49) Dibromochloromethane	11.123	129	85579	24.826	ug/L	95
50) 1,2-Dibromoethane	11.233	107	71980	24.452	ug/L	92
51) Chlorobenzene	11.654	112	286674	23.801	ug/L	96
52) Ethylbenzene	11.727	91	520062	23.676	ug/L	100
53) m,p-Xylene	11.837	106	192518	23.568	ug/L	90
54) o-Xylene	12.166	106	184790	24.296	ug/L	100
55) Styrene	12.178	104	320666	24.772	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	96686	26.490	ug/L	96
59) Bromoform	12.349	173	48445	24.897	ug/L	99
60) Isopropylbenzene	12.459	105	516155	23.356	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69300	25.714	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	328196	23.300	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	409874	24.179	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	214766	22.903	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	215780	22.621	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	203040	24.616	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14470	23.430	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	140261	21.737	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	118794	23.575	ug/L	96
71) Naphthalene	15.360	128	237301	26.609	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	103064	23.050	ug/L	97

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

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