Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062424\
Data File : VW029336.D
Acq On : 24 Jun 2024 18:46
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

Quant Time: Jun 25 01:43:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 25 01:37:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	267645	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	251316	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	122240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	68700	18.545	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.160%			
7) Chloroethane-d5	2.899	69	58676	18.756	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.040%			
11) 1,1-Dichloroethene-d2	4.027	65	34407	19.236	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.960%			
21) 2-Butanone-d5	7.075	46	56908	51.346	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.700%			
24) Chloroform-d	7.648	84	173598	21.743	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.960%			
26) 1,2-Dichloroethane-d4	8.307	65	100663	21.960	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.840%			
32) Benzene-d6	8.276	84	331077	21.689	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.760%			
36) 1,2-Dichloropropane-d6	9.270	67	105883	21.821	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.280%			
41) Toluene-d8	10.319	98	298391	22.094	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.360%			
43) trans-1,3-Dichloroprop...	10.575	79	42371	21.669	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.680%			
47) 2-Hexanone-d5	10.922	63	39689	52.176	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.360%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92277	23.894	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.560%			
66) 1,2-Dichlorobenzene-d4	13.849	152	96453	22.732	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	45208	17.313	ug/L	97
3) Chloromethane	2.223	50	69647	18.706	ug/L	97
5) Vinyl chloride	2.375	62	82471	19.288	ug/L	95
6) Bromomethane	2.790	94	51425	20.011	ug/L	97
8) Chloroethane	2.936	64	54730	20.927	ug/L	97
9) Trichlorofluoromethane	3.265	101	72136	21.761	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	75386	20.626	ug/L	94
12) 1,1-Dichloroethene	4.052	96	70515	22.738	ug/L	77
13) Acetone	4.119	43	41530	44.092	ug/L	96
14) Carbon disulfide	4.393	76	204354	20.186	ug/L	98
15) Methyl Acetate	4.673	43	46675	24.962	ug/L	99
16) Methylene chloride	4.929	84	93154	19.794	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	79002	22.939	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	138030	25.050	ug/L #	89
19) 1,1-Dichloroethane	6.216	63	174107	23.407	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	90685	23.878	ug/L	98
22) 2-Butanone	7.167	43	62593	48.479	ug/L	100
23) Bromochloromethane	7.508	128	40111	23.725	ug/L	95
25) Chloroform	7.679	83	171325	23.587	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Tue Jun 25 01:37:56 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.404	62	122101	22.793	ug/L		100
29) Cyclohexane	7.959	56	126731	22.058	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	130066	23.274	ug/L		97
31) Carbon tetrachloride	8.069	117	113060	22.147	ug/L		100
33) Benzene	8.325	78	358808	23.761	ug/L		100
34) Trichloroethene	9.087	95	90460	22.454	ug/L		91
35) Methylcyclohexane	9.331	83	139587	22.031	ug/L		98
37) 1,2-Dichloropropane	9.368	63	100710	23.735	ug/L		99
38) Bromodichloromethane	9.642	83	119945	23.120	ug/L		96
39) cis-1,3-Dichloropropene	10.069	75	146200	24.375	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	137451	52.264	ug/L		98
42) Toluene	10.386	91	383304	24.692	ug/L		96
44) trans-1,3-Dichloropropene	10.605	75	120966	23.885	ug/L		100
45) 1,1,2-Trichloroethane	10.782	97	70627	23.899	ug/L		97
46) Tetrachloroethene	10.861	164	64149	22.778	ug/L		92
48) 2-Hexanone	10.965	43	94529	50.655	ug/L		98
49) Dibromochloromethane	11.130	129	73052	23.648	ug/L		96
50) 1,2-Dibromoethane	11.233	107	64237	24.215	ug/L		98
51) Chlorobenzene	11.654	112	244625	24.267	ug/L		98
52) Ethylbenzene	11.727	91	423630	24.041	ug/L		96
53) m,p-Xylene	11.831	106	153691	23.878	ug/L		98
54) o-Xylene	12.160	106	146906	24.421	ug/L		99
55) Styrene	12.178	104	262840	25.060	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.709	83	88840	24.303	ug/L		99
59) Bromoform	12.349	173	40442	24.139	ug/L		95
60) Isopropylbenzene	12.459	105	417070	25.606	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	65236	24.467	ug/L		100
62) 1,3,5-Trimethylbenzene	12.934	105	300470	25.472	ug/L		94
63) 1,2,4-Trimethylbenzene	13.245	105	329694	25.977	ug/L		97
64) 1,3-Dichlorobenzene	13.495	146	183585	26.045	ug/L		91
65) 1,4-Dichlorobenzene	13.574	146	179433	23.926	ug/L		93
67) 1,2-Dichlorobenzene	13.861	146	166716	25.584	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14969	24.058	ug/L	#	90
69) 1,3,5-Trichlorobenzene	14.623	180	117013	24.597	ug/L		98
70) 1,2,4-trichlorobenzene	15.123	180	95242	24.698	ug/L		99
71) Naphthalene	15.360	128	202229	26.570	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	88467	25.178	ug/L		96

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

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