Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062724\
Data File : VW029368.D
Acq On : 27 Jun 2024 08:58
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

Quant Time: Jun 28 00:53:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 27 05:32:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	277443	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	259285	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	129215	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	70896	18.462	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.840%			
7) Chloroethane-d5	2.905	69	61008	18.813	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.240%			
11) 1,1-Dichloroethene-d2	4.021	65	36458	19.663	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.640%			
21) 2-Butanone-d5	7.075	46	58537	50.950	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.900%			
24) Chloroform-d	7.648	84	180123	21.764	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.040%			
26) 1,2-Dichloroethane-d4	8.307	65	103684	21.820	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.280%			
32) Benzene-d6	8.270	84	337603	21.436	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.760%			
36) 1,2-Dichloropropane-d6	9.270	67	110856	22.143	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.560%			
41) Toluene-d8	10.318	98	304161	21.829	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.320%			
43) trans-1,3-Dichloroprop...	10.575	79	45174	22.392	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.560%			
47) 2-Hexanone-d5	10.922	63	39459	50.279	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.560%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94500	23.717	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.880%			
66) 1,2-Dichlorobenzene-d4	13.848	152	103501	23.076	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	56010	20.692	ug/L	96
3) Chloromethane	2.222	50	73741	19.106	ug/L	98
5) Vinyl chloride	2.375	62	91681	20.685	ug/L	98
6) Bromomethane	2.789	94	53789	20.192	ug/L	92
8) Chloroethane	2.936	64	58558	21.600	ug/L	100
9) Trichlorofluoromethane	3.265	101	79995	23.280	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	82425	21.756	ug/L #	84
12) 1,1-Dichloroethene	4.045	96	77499	24.107	ug/L	89
13) Acetone	4.118	43	67132	68.756	ug/L	98
14) Carbon disulfide	4.393	76	220530	21.014	ug/L	99
15) Methyl Acetate	4.667	43	47833	24.678	ug/L	99
16) Methylene chloride	4.923	84	96901	19.863	ug/L	91
17) trans-1,2-Dichloroethene	5.423	96	82917	23.225	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	146323	25.617	ug/L	99
19) 1,1-Dichloroethane	6.216	63	185815	24.099	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	96653	24.551	ug/L	99
22) 2-Butanone	7.167	43	79935	59.724	ug/L	99
23) Bromochloromethane	7.514	128	41929	23.924	ug/L	94
25) Chloroform	7.679	83	184020	24.440	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Thu Jun 27 05:32:27 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	130461	23.493	ug/L		100
29) Cyclohexane	7.959	56	145212	24.498	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	145973	25.318	ug/L		96
31) Carbon tetrachloride	8.069	117	128329	24.365	ug/L		96
33) Benzene	8.325	78	380815	24.444	ug/L		100
34) Trichloroethene	9.087	95	98894	23.793	ug/L		93
35) Methylcyclohexane	9.337	83	160351	24.531	ug/L		98
37) 1,2-Dichloropropane	9.367	63	105562	24.114	ug/L		99
38) Bromodichloromethane	9.642	83	129633	24.220	ug/L		99
39) cis-1,3-Dichloropropene	10.069	75	156157	25.235	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	143755	52.981	ug/L		98
42) Toluene	10.386	91	396876	24.780	ug/L		88
44) trans-1,3-Dichloropropene	10.605	75	134397	25.721	ug/L		98
45) 1,1,2-Trichloroethane	10.782	97	74268	24.359	ug/L		95
46) Tetrachloroethene	10.855	164	70833	24.379	ug/L		86
48) 2-Hexanone	10.965	43	114641	59.544	ug/L		99
49) Dibromochloromethane	11.123	129	77249	24.238	ug/L		98
50) 1,2-Dibromoethane	11.233	107	67756	24.757	ug/L		93
51) Chlorobenzene	11.654	112	253329	24.358	ug/L		98
52) Ethylbenzene	11.727	91	461072	25.361	ug/L		95
53) m,p-Xylene	11.836	106	168894	25.434	ug/L		92
54) o-Xylene	12.166	106	160607	25.878	ug/L		98
55) Styrene	12.178	104	285857	26.417	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.708	83	93348	24.752	ug/L		95
59) Bromoform	12.349	173	43927	24.804	ug/L		96
60) Isopropylbenzene	12.458	105	460459	26.744	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	67557	23.970	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	337172	27.040	ug/L		96
63) 1,2,4-Trimethylbenzene	13.245	105	368110	27.438	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	194203	26.064	ug/L		87
65) 1,4-Dichlorobenzene	13.574	146	196505	24.788	ug/L		93
67) 1,2-Dichlorobenzene	13.867	146	180144	26.153	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.482	75	15055	22.890	ug/L	#	90
69) 1,3,5-Trichlorobenzene	14.623	180	133308	26.510	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	103284	25.337	ug/L		97
71) Naphthalene	15.360	128	210109	26.115	ug/L		98
72) 1,2,3-Trichlorobenzene	15.549	180	97631	26.286	ug/L		99

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

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