Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061224\
Data File : VW029099.D
Acq On : 12 Jun 2024 09:15
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025501

Quant Time: Jun 13 00:44:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 12 00:20:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	308411	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	295148	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	150867	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	95891	19.572	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.280%			
7) Chloroethane-d5	2.899	69	78369	20.830	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.320%			
11) 1,1-Dichloroethene-d2	4.021	65	44459	20.645	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.600%			
21) 2-Butanone-d5	7.075	46	55172	55.114	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.220%			
24) Chloroform-d	7.648	84	209220	23.779	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.120%			
26) 1,2-Dichloroethane-d4	8.307	65	109659	23.673	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.680%			
32) Benzene-d6	8.276	84	395453	21.830	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.320%			
36) 1,2-Dichloropropane-d6	9.270	67	125902	22.922	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.680%			
41) Toluene-d8	10.325	98	354362	21.921	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.680%			
43) trans-1,3-Dichloroprop...	10.575	79	47387	22.452	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.800%			
47) 2-Hexanone-d5	10.922	63	37738	52.065	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.140%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94168	24.679	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.720%			
66) 1,2-Dichlorobenzene-d4	13.848	152	114732	21.431	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	75545	21.451	ug/L	91
3) Chloromethane	2.222	50	99699	23.172	ug/L	100
5) Vinyl chloride	2.375	62	125204	24.040	ug/L	98
6) Bromomethane	2.789	94	75007	24.037	ug/L	97
8) Chloroethane	2.936	64	78289	24.891	ug/L	98
9) Trichlorofluoromethane	3.265	101	116258	26.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	110505	25.869	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	105102	26.960	ug/L	85
13) Acetone	4.118	43	72515	69.124	ug/L	98
14) Carbon disulfide	4.393	76	334842	25.370	ug/L	100
15) Methyl Acetate	4.673	43	51359	29.477	ug/L	100
16) Methylene chloride	4.923	84	122153	26.390	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	113952	26.810	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	166953	28.168	ug/L	100
19) 1,1-Dichloroethane	6.216	63	230104	27.536	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	123790	27.780	ug/L	96
22) 2-Butanone	7.167	43	82066	64.920	ug/L	99
23) Bromochloromethane	7.514	128	52654	27.070	ug/L	94
25) Chloroform	7.679	83	225988	27.844	ug/L	97

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	151165	27.793	ug/L		100
29) Cyclohexane	7.959	56	201403	27.445	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	178360	26.081	ug/L		99
31) Carbon tetrachloride	8.075	117	162043	26.014	ug/L		99
33) Benzene	8.325	78	495142	26.980	ug/L		100
34) Trichloroethene	9.093	95	128699	26.674	ug/L		99
35) Methylcyclohexane	9.337	83	224582	27.439	ug/L		99
37) 1,2-Dichloropropane	9.368	63	132278	27.524	ug/L		100
38) Bromodichloromethane	9.642	83	156209	26.651	ug/L		99
39) cis-1,3-Dichloropropene	10.069	75	190795	27.318	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	146494	59.929	ug/L		99
42) Toluene	10.386	91	521749	27.830	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	156151	27.732	ug/L		99
45) 1,1,2-Trichloroethane	10.782	97	87628	26.998	ug/L		98
46) Tetrachloroethene	10.861	164	96649	26.366	ug/L		88
48) 2-Hexanone	10.965	43	115213	62.864	ug/L		98
49) Dibromochloromethane	11.123	129	95428	27.836	ug/L		93
50) 1,2-Dibromoethane	11.233	107	81114	27.376	ug/L		94
51) Chlorobenzene	11.654	112	321871	26.726	ug/L		94
52) Ethylbenzene	11.727	91	594825	27.924	ug/L		98
53) m,p-Xylene	11.837	106	217614	27.581	ug/L		87
54) o-Xylene	12.160	106	206406	28.253	ug/L		97
55) Styrene	12.178	104	357285	28.367	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	102789	28.053	ug/L		96
59) Bromoform	12.349	173	52718	27.175	ug/L		100
60) Isopropylbenzene	12.458	105	582112	27.264	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	76394	26.845	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	436350	28.099	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	464420	28.298	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	241148	26.282	ug/L		94
65) 1,4-Dichlorobenzene	13.574	146	235388	24.563	ug/L		90
67) 1,2-Dichlorobenzene	13.861	146	218880	26.616	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.476	75	15525	25.595	ug/L	#	89
69) 1,3,5-Trichlorobenzene	14.623	180	170615	27.082	ug/L		93
70) 1,2,4-trichlorobenzene	15.129	180	131713	25.796	ug/L		99
71) Naphthalene	15.360	128	241884	27.804	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	120006	27.509	ug/L		95

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

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