Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051724\
Data File : VW028646.D
Acq On : 17 May 2024 17:56
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025583

Quant Time: May 17 23:08:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 17 23:04:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	274616	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258181	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	130643	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	95430	18.300	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.200%			
7) Chloroethane-d5	2.905	69	83855	21.001	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.000%			
11) 1,1-Dichloroethene-d2	4.027	65	42281	19.406	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.640%			
21) 2-Butanone-d5	7.075	46	72706	53.440	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.880%			
24) Chloroform-d	7.648	84	212250	24.735	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.960%			
26) 1,2-Dichloroethane-d4	8.307	65	124854	25.415	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.680%			
32) Benzene-d6	8.276	84	400806	23.268	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.080%			
36) 1,2-Dichloropropane-d6	9.276	67	125945	24.298	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.200%			
41) Toluene-d8	10.325	98	359562	23.571	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.280%			
43) trans-1,3-Dichloroprop...	10.575	79	50079	24.016	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.080%			
47) 2-Hexanone-d5	10.922	63	50852	56.882	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.760%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115321	26.532	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.120%			
66) 1,2-Dichlorobenzene-d4	13.848	152	115012	23.098	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	87747	21.988	ug/L	98
3) Chloromethane	2.228	50	113716	23.001	ug/L	98
5) Vinyl chloride	2.375	62	128939	23.165	ug/L	96
6) Bromomethane	2.795	94	79334	24.639	ug/L	100
8) Chloroethane	2.936	64	79198	24.949	ug/L	98
9) Trichlorofluoromethane	3.271	101	104567	22.883	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	97649	23.177	ug/L	93
12) 1,1-Dichloroethene	4.051	96	91248	24.143	ug/L	89
13) Acetone	4.118	43	60061	48.527	ug/L	96
14) Carbon disulfide	4.393	76	286005	22.391	ug/L	100
15) Methyl Acetate	4.667	43	57397	26.655	ug/L	99
16) Methylene chloride	4.917	84	114464	26.951	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	96864	24.617	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	166481	28.671	ug/L	99
19) 1,1-Dichloroethane	6.222	63	202124	25.904	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	109901	26.688	ug/L	96
22) 2-Butanone	7.173	43	80723	50.814	ug/L	99
23) Bromochloromethane	7.520	128	49151	27.362	ug/L	96
25) Chloroform	7.679	83	204354	27.078	ug/L	96

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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	150396	27.414	ug/L	98
29) Cyclohexane	7.959	56	173771	23.606	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	158966	24.571	ug/L	99
31) Carbon tetrachloride	8.075	117	138957	23.557	ug/L	99
33) Benzene	8.325	78	429102	25.630	ug/L	100
34) Trichloroethene	9.093	95	112624	25.090	ug/L	93
35) Methylcyclohexane	9.337	83	188131	23.983	ug/L	99
37) 1,2-Dichloropropane	9.367	63	116188	26.633	ug/L	98
38) Bromodichloromethane	9.648	83	145302	27.323	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	175898	28.131	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	162622	54.771	ug/L	99
42) Toluene	10.386	91	452524	26.170	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	151180	28.676	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	86289	27.304	ug/L	96
46) Tetrachloroethene	10.861	164	77357	23.920	ug/L	96
48) 2-Hexanone	10.965	43	119598	57.055	ug/L	99
49) Dibromochloromethane	11.129	129	92275	29.110	ug/L	99
50) 1,2-Dibromoethane	11.233	107	80553	27.211	ug/L	98
51) Chlorobenzene	11.654	112	282148	26.378	ug/L	97
52) Ethylbenzene	11.727	91	522828	26.718	ug/L	95
53) m,p-Xylene	11.836	106	191791	26.737	ug/L	88
54) o-Xylene	12.166	106	185546	27.960	ug/L	98
55) Styrene	12.178	104	325054	28.908	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	109000	27.491	ug/L	97
59) Bromoform	12.349	173	51780	27.167	ug/L	99
60) Isopropylbenzene	12.458	105	505434	25.501	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	81249	25.734	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	379095	27.033	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	411592	27.240	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	208816	25.325	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	219895	26.086	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	195062	26.432	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	17701	23.979	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	137460	24.844	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	120385	26.928	ug/L	96
71) Naphthalene	15.360	128	260373	27.336	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	109832	27.226	ug/L	98

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

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