Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092122\
Data File : VW024619.D
Acq On : 21 Sep 2022 14:23
Operator : SY/VA
Sample : VSTD05042
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050442

Quant Time: Sep 22 01:35:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 22 01:32:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.841	114	445577	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.633	117	423867	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	225881	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.349	65	462083	45.450	ug/L		0.00
7) Chloroethane-d5	2.873	69	375419	43.828	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.019	63	548872	48.678	ug/L		0.00
21) 2-Butanone-d5	7.079	46	120597	88.343	ug/L		0.00
24) Chloroform-d	7.646	84	593113	46.806	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	312901	45.642	ug/L		0.00
32) Benzene-d6	8.274	84	1158214	48.736	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	325874	47.797	ug/L		0.00
41) Toluene-d8	10.323	98	1156354	50.014	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	154667	50.806	ug/L		0.00
47) 2-Hexanone-d5	10.920	63	112148	102.994	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	278898	46.905	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	397803	49.192	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.001	85	90500	44.698	ug/L		93
3) Chloromethane	2.208	50	357550	45.057	ug/L		97
5) Vinyl chloride	2.355	62	507376	45.360	ug/L		97
6) Bromomethane	2.769	94	432771	43.567	ug/L		96
8) Chloroethane	2.909	64	308598	44.662	ug/L		99
9) Trichlorofluoromethane	3.245	101	208289	47.604	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	4.049	101	298186	47.161	ug/L		97
12) 1,1-Dichloroethene	4.031	96	276335	49.437	ug/L		95
13) Acetone	4.129	43	82097	79.899	ug/L		99
14) Carbon disulfide	4.379	76	855707	49.133	ug/L		98
15) Methyl Acetate	4.671	43	107260	43.220	ug/L		100
16) Methylene chloride	4.909	84	294952	39.160	ug/L		95
17) trans-1,2-Dichloroethene	5.415	96	316558	52.547	ug/L		96
18) Methyl tert-butyl Ether	5.421	73	491816	48.675	ug/L		100
19) 1,1-Dichloroethane	6.214	63	514007	48.154	ug/L		98
20) cis-1,2-Dichloroethene	7.165	96	327451	49.621	ug/L	#	96
22) 2-Butanone	7.171	43	142251	90.528	ug/L		97
23) Bromochloromethane	7.512	128	149451	47.677	ug/L		93
25) Chloroform	7.677	83	559074	47.544	ug/L		99
27) 1,2-Dichloroethane	8.396	62	363615	46.631	ug/L		96
29) Cyclohexane	7.957	56	496035	52.364	ug/L		99
30) 1,1,1-Trichloroethane	7.866	97	481489	48.905	ug/L		100
31) Carbon tetrachloride	8.067	117	461599	49.276	ug/L		100
33) Benzene	8.323	78	1237723	49.021	ug/L		100
34) Trichloroethene	9.091	95	333143	48.690	ug/L		96
35) Methylcyclohexane	9.335	83	592237	51.875	ug/L		98
37) 1,2-Dichloropropane	9.366	63	289716	48.853	ug/L		99
38) Bromodichloromethane	9.646	83	411643	48.786	ug/L	#	93
39) cis-1,3-Dichloropropene	10.073	75	477707	51.647	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	343495	100.849	ug/L		99
42) Toluene	10.384	91	1427963	50.378	ug/L		96
44) trans-1,3-Dichloropropene	10.603	75	423597	51.560	ug/L		98

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Quant Title : SFAM01.0
QLast Update : Thu Sep 22 01:32:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	236405	47.901	ug/L	96
46) Tetrachloroethene	10.859	164	272808	50.673	ug/L	97
48) 2-Hexanone	10.969	43	237330	101.552	ug/L	99
49) Dibromochloromethane	11.127	129	311451	52.208	ug/L	93
50) 1,2-Dibromoethane	11.231	107	233222	48.432	ug/L	98
51) Chlorobenzene	11.658	112	910244	48.695	ug/L	98
52) Ethylbenzene	11.731	91	1596044	51.263	ug/L	99
53) m,p-Xylene	11.835	106	645474	52.205	ug/L	96
54) o-Xylene	12.164	106	600585	51.779	ug/L	96
55) Styrene	12.176	104	1058596	53.061	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	281219	47.631	ug/L	98
59) Bromoform	12.347	173	173553	52.602	ug/L	99
60) Isopropylbenzene	12.463	105	1635684	51.599	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	200889	47.678	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	1376785	53.460	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1394832	54.128	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	717300	50.176	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	706074	48.014	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	663029	50.228	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	44893	45.757	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	494447	52.616	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	393992	52.404	ug/L	98
71) Naphthalene	15.365	128	826722	54.998	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	349732	51.190	ug/L	99

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

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