Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020079.D
Acq On : 21 Sep 2021 08:06
Operator : SY/VA
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD2.5452

Quant Time: Sep 22 04:00:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 22 03:59:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.848	114	312063	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	299811	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	147242	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.361	65	22449	3.516	ug/L		0.00
7) Chloroethane-d5	2.898	69	16226	3.374	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.032	63	29761	2.977	ug/L		0.00
21) 2-Butanone-d5	7.086	46	5665	5.750	ug/L		0.00
24) Chloroform-d	7.653	84	31630	3.223	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.311	65	17488	3.311	ug/L		0.00
32) Benzene-d6	8.281	84	55648	2.909	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.275	67	16726	3.022	ug/L		0.00
41) Toluene-d8	10.329	98	46047	2.646	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	6618	2.797	ug/L		0.00
47) 2-Hexanone-d5	10.933	63	3522	4.598	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	13656	3.198	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	15649	2.834	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	6903	2.526	ug/L		92
3) Chloromethane	2.221	50	11015	2.914	ug/L		97
5) Vinyl chloride	2.367	62	17035	2.870	ug/L		98
6) Bromomethane	2.788	94	11159	2.909	ug/L		96
8) Chloroethane	2.934	64	10093	2.812	ug/L		91
9) Trichlorofluoromethane	3.263	101	11191	2.680	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	4.086	101	13274	2.908	ug/L		97
12) 1,1-Dichloroethene	4.044	96	10607	2.562	ug/L		89
13) Acetone	4.123	43	5876	6.964	ug/L		96
14) Carbon disulfide	4.391	76	33487	2.573	ug/L		98
15) Methyl Acetate	4.678	43	4360	2.702	ug/L	#	81
16) Methylene chloride	4.928	84	23249	4.222	ug/L		98
17) trans-1,2-Dichloroethene	5.434	96	11043	2.533	ug/L		88
18) Methyl tert-butyl Ether	5.428	73	12557	2.426	ug/L	#	87
19) 1,1-Dichloroethane	6.220	63	23046	2.866	ug/L		93
20) cis-1,2-Dichloroethene	7.177	96	10766	2.428	ug/L		95
22) 2-Butanone	7.183	43	5999	5.480	ug/L		91
23) Bromochloromethane	7.519	128	5665	2.818	ug/L		89
25) Chloroform	7.683	83	24350	2.896	ug/L		95
27) 1,2-Dichloroethane	8.409	62	15348	2.773	ug/L		100
29) Cyclohexane	7.964	56	12603	1.889	ug/L		99
30) 1,1,1-Trichloroethane	7.878	97	20775	2.796	ug/L		99
31) Carbon tetrachloride	8.074	117	18315	2.710	ug/L		98
33) Benzene	8.330	78	45606	2.521	ug/L		100
34) Trichloroethene	9.098	95	12794	2.641	ug/L		93
35) Methylcyclohexane	9.335	83	16297	2.065	ug/L		90
37) 1,2-Dichloropropane	9.378	63	12198	2.722	ug/L	#	96
38) Bromodichloromethane	9.652	83	16620	2.739	ug/L		99
39) cis-1,3-Dichloropropene	10.079	75	15167	2.295	ug/L		99
40) 4-Methyl-2-pentanone	10.213	43	11336	5.022	ug/L		95
42) Toluene	10.390	91	44237	2.301	ug/L		94
44) trans-1,3-Dichloropropene	10.610	75	13719	2.311	ug/L		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.793	97	9353	2.846	ug/L	99
46) Tetrachloroethene	10.866	164	9693	2.589	ug/L	97
48) 2-Hexanone	10.969	43	6655	4.233	ug/L	99
49) Dibromochloromethane	11.134	129	10326	2.689	ug/L	97
50) 1,2-Dibromoethane	11.238	107	8094	2.617	ug/L	94
51) Chlorobenzene	11.658	112	34114	2.729	ug/L	93
52) Ethylbenzene	11.731	91	48929	2.311	ug/L	99
53) m,p-Xylene	11.841	106	16984	2.104	ug/L	91
54) o-Xylene	12.164	106	15160	2.030	ug/L	97
55) Styrene	12.183	104	25054	1.931	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	11013	2.806	ug/L	98
59) Bromoform	12.353	173	5663	2.821	ug/L	95
60) Isopropylbenzene	12.463	105	41341	2.094	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	7955	2.861	ug/L	94
62) 1,3,5-Trimethylbenzene	12.945	105	32569	2.010	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	30991	1.947	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	22419	2.476	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	25652	2.742	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	21519	2.610	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	1804	2.890	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	15570	2.486	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	10951	2.266	ug/L	94
71) Naphthalene	15.365	128	15638	1.835	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	9545	2.193	ug/L	96

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

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