Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
Data File : VW019763.D
Acq On : 18 Aug 2021 09:37
Operator : SY/VA
Sample : VSTD02540
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025440

Quant Time: Aug 18 10:30:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 18 10:29:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	365248	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	335184	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	170538	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	152929	26.607	ug/L	0.00
7) Chloroethane-d5	2.897	69	126121	24.632	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	247173	25.084	ug/L	0.00
21) 2-Butanone-d5	7.080	46	54761	51.789	ug/L	0.00
24) Chloroform-d	7.659	84	247926	24.641	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	131309	24.520	ug/L	0.00
32) Benzene-d6	8.275	84	494657	25.619	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.280	67	143464	24.846	ug/L	0.00
41) Toluene-d8	10.329	98	456454	26.022	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	61956	25.874	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	38198	49.322	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	112535	24.645	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.859	152	137308	23.915	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	86983	25.283	ug/L	98
3) Chloromethane	2.221	50	106023	22.580	ug/L	100
5) Vinyl chloride	2.373	62	160961	24.593	ug/L	98
6) Bromomethane	2.788	94	111337	22.911	ug/L	99
8) Chloroethane	2.934	64	102725	23.543	ug/L	98
9) Trichlorofluoromethane	3.269	101	104056	25.433	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	121055	24.522	ug/L	97
12) 1,1-Dichloroethene	4.050	96	119155	24.578	ug/L	99
13) Acetone	4.123	43	42782	46.699	ug/L	90
14) Carbon disulfide	4.391	76	387562	24.819	ug/L	99
15) Methyl Acetate	4.672	43	46418	24.170	ug/L	97
16) Methylene chloride	4.921	84	127431	17.129	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	128107	24.818	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	143403	25.107	ug/L	97
19) 1,1-Dichloroethane	6.220	63	221821	24.469	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	131701	25.244	ug/L	96
22) 2-Butanone	7.171	43	61186	50.892	ug/L	100
23) Bromochloromethane	7.519	128	55950	23.828	ug/L	97
25) Chloroform	7.677	83	226321	24.150	ug/L	99
27) 1,2-Dichloroethane	8.403	62	148805	24.486	ug/L	99
29) Cyclohexane	7.958	56	204246	26.414	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	188336	25.198	ug/L	98
31) Carbon tetrachloride	8.073	117	172770	24.878	ug/L	99
33) Benzene	8.323	78	512925	25.249	ug/L	100
34) Trichloroethene	9.098	95	131762	25.075	ug/L	94
35) Methylcyclohexane	9.341	83	238047	26.328	ug/L	99
37) 1,2-Dichloropropane	9.372	63	125924	25.049	ug/L	98
38) Bromodichloromethane	9.646	83	160215	24.853	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	189712	25.576	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	131740	51.572	ug/L	97
42) Toluene	10.390	91	552502	25.748	ug/L	98
44) trans-1,3-Dichloropropene	10.609	75	165388	25.365	ug/L	94

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45) 1,1,2-Trichloroethane	10.786	97	89107	24.613	ug/L	95
46) Tetrachloroethene	10.866	164	99915	24.978	ug/L	97
48) 2-Hexanone	10.969	43	94387	52.439	ug/L	98
49) Dibromochloromethane	11.128	129	103202	24.780	ug/L	95
50) 1,2-Dibromoethane	11.237	107	84400	24.846	ug/L	99
51) Chlorobenzene	11.658	112	334921	24.427	ug/L	99
52) Ethylbenzene	11.731	91	584753	25.054	ug/L	97
53) m,p-Xylene	11.841	106	227644	25.495	ug/L	98
54) o-Xylene	12.164	106	216542	25.636	ug/L	100
55) Styrene	12.182	104	369046	25.585	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	105561	24.375	ug/L	99
59) Bromoform	12.353	173	51763	24.029	ug/L	96
60) Isopropylbenzene	12.463	105	584232	25.814	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	77345	24.511	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	481088	26.397	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	485352	26.416	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	246246	24.137	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	253260	24.098	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	225639	24.398	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16666	24.712	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	174347	24.642	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	129872	23.678	ug/L	94
71) Naphthalene	15.365	128	271422	25.779	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	125401	24.591	ug/L	99

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

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