Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020085.D
Acq On : 21 Sep 2021 10:53
Operator : SY/VA
Sample : VSTD00557
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD005457

Quant Time: Sep 22 04:02:35 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	377550	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	353099	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	176108	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	43917	5.686	ug/L	0.00
7) Chloroethane-d5	2.897	69	32909	5.656	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	62428	5.162	ug/L	0.00
21) 2-Butanone-d5	7.086	46	12419	10.420	ug/L	0.00
24) Chloroform-d	7.653	84	62674	5.278	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	35008	5.478	ug/L	0.00
32) Benzene-d6	8.281	84	120394	5.344	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.280	67	34637	5.313	ug/L	0.00
41) Toluene-d8	10.329	98	104399	5.093	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	14457	5.188	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	8180	9.067	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	26526	5.275	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	34769	5.265	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	16203	4.900	ug/L	90
3) Chloromethane	2.221	50	22794	4.985	ug/L	99
5) Vinyl chloride	2.367	62	34010	4.737	ug/L	97
6) Bromomethane	2.788	94	23331	5.026	ug/L	98
8) Chloroethane	2.934	64	21163	4.874	ug/L	99
9) Trichlorofluoromethane	3.269	101	21683	4.292	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	27370	4.956	ug/L	96
12) 1,1-Dichloroethene	4.050	96	22682	4.529	ug/L	95
13) Acetone	4.141	43	10200	9.992	ug/L	95
14) Carbon disulfide	4.391	76	68438	4.346	ug/L	99
15) Methyl Acetate	4.684	43	9650	4.943	ug/L	98
16) Methylene chloride	4.928	84	35946	5.396	ug/L	94
17) trans-1,2-Dichloroethene	5.434	96	23891	4.529	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	28242	4.510	ug/L	98
19) 1,1-Dichloroethane	6.220	63	47550	4.888	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	24779	4.619	ug/L	100
22) 2-Butanone	7.183	43	12706	9.594	ug/L	74
23) Bromochloromethane	7.519	128	11693	4.809	ug/L	93
25) Chloroform	7.683	83	49505	4.866	ug/L	98
27) 1,2-Dichloroethane	8.403	62	33732	5.038	ug/L	98
29) Cyclohexane	7.964	56	32345	4.117	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	42296	4.834	ug/L	99
31) Carbon tetrachloride	8.073	117	37792	4.747	ug/L	98
33) Benzene	8.329	78	103341	4.849	ug/L	100
34) Trichloroethene	9.098	95	27135	4.757	ug/L	97
35) Methylcyclohexane	9.335	83	39991	4.302	ug/L	97
37) 1,2-Dichloropropane	9.372	63	26137	4.952	ug/L	98
38) Bromodichloromethane	9.646	83	35469	4.962	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	34653	4.451	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	24332	9.153	ug/L	96
42) Toluene	10.390	91	105347	4.653	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	31785	4.545	ug/L	96

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	19467	5.030	ug/L	98
46) Tetrachloroethene	10.866	164	20915	4.743	ug/L	97
48) 2-Hexanone	10.969	43	17190	9.283	ug/L	93
49) Dibromochloromethane	11.134	129	21671	4.792	ug/L	93
50) 1,2-Dibromoethane	11.237	107	17620	4.838	ug/L	94
51) Chlorobenzene	11.658	112	71996	4.889	ug/L	97
52) Ethylbenzene	11.731	91	113937	4.569	ug/L	97
53) m,p-Xylene	11.841	106	42156	4.434	ug/L	96
54) o-Xylene	12.170	106	38358	4.362	ug/L	97
55) Styrene	12.182	104	67487	4.416	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	22700	4.911	ug/L	91
59) Bromoform	12.353	173	11481	4.782	ug/L	99
60) Isopropylbenzene	12.463	105	105785	4.480	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	16571	4.983	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	82450	4.255	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	81306	4.271	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	51715	4.776	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	56772	5.073	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	48401	4.908	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.487	75	3586	4.804	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	36752	4.907	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	27082	4.685	ug/L	93
71) Naphthalene	15.365	128	43125	4.230	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	24549	4.717	ug/L	97

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

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