Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092321\
Data File : VV022274.D
Acq On : 23 Sep 2021 10:40
Operator : SY/MD
Sample : VSTD00125
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 24 02:38:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 24 02:37:45 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD001225

Manual Integrations APPROVED
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9/27/2021 10:55:06 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.619	114	125974	5.000	ug/L		0.00
28) Chlorobenzene-d5	8.853	117	126389	5.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	59797	5.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.301	65	5825	1.086	ug/L		0.00
7) Chloroethane-d5	1.564	69	7495	1.186	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.101	63	14687	1.190	ug/L		0.00
20) 2-Butanone-d5	3.940	46	23659	11.066	ug/L		0.04
24) Chloroform-d	4.349	84	17605	1.070	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.043	65	8594	1.128	ug/L		0.00
32) Benzene-d6	5.053	84	33066	0.984	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.075	67	10558	0.976	ug/L		0.00
41) Toluene-d8	7.320	98	29363	0.947	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.632	79	3095	0.946	ug/L		0.00
46) 2-Hexanone-d5	8.098	63	17237	10.101	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	9033	1.205	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	10855	0.995	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.127	85	9099	0.956	ug/L		90
3) Chloromethane	1.240	50	9324	1.103	ug/L		100
5) Vinyl chloride	1.307	62	8613	0.990	ug/L		98
6) Bromomethane	1.519	94	5801	1.057	ug/L		100
8) Chloroethane	1.580	64	5870	1.077	ug/L		99
9) Trichlorofluoromethane	1.748	101	11792	0.939	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7202	1.025	ug/L		98
12) 1,1-Dichloroethene	2.111	96	6669	1.057	ug/L		93
13) Acetone	2.214	43	13146	10.007	ug/L		51
14) Carbon disulfide	2.288	76	20749	1.096	ug/L		97
15) Methyl Acetate	2.449	43	2693	0.720	ug/L		99
16) Methylene chloride	2.506	84	15259	1.407	ug/L		98
17) Methyl tert-butyl Ether	2.773	73	16787	0.892	ug/L	#	95
18) trans-1,2-Dichloroethene	2.760	96	7444	0.942	ug/L		99
19) 1,1-Dichloroethane	3.188	63	13446	0.919	ug/L		97
21) 2-Butanone	4.024	43	19915m	9.418	ug/L		
22) cis-1,2-Dichloroethene	3.918	96	7468	0.857	ug/L		99
23) Bromochloromethane	4.252	128	3571	0.904	ug/L		91
25) Chloroform	4.381	83	13942	0.902	ug/L		99
27) 1,2-Dichloroethane	5.140	62	8492	0.999	ug/L		99
29) 1,1,1-Trichloroethane	4.612	97	11574	0.840	ug/L		99
30) Cyclohexane	4.674	56	10512	0.827	ug/L	#	91
31) Carbon tetrachloride	4.828	117	9731	0.819	ug/L		100
33) Benzene	5.104	78	29306	0.876	ug/L		100
34) Trichloroethene	5.921	95	7204	0.777	ug/L		92
35) Methylcyclohexane	6.130	83	11306	0.830	ug/L		97
37) 1,2-Dichloropropane	6.178	63	6988	0.828	ug/L	#	96
38) Bromodichloromethane	6.516	83	8531	0.799	ug/L	#	94
39) cis-1,3-Dichloropropene	7.034	75	8554	0.717	ug/L		97
40) 4-Methyl-2-pentanone	7.233	43	44539	8.493	ug/L		97
42) Toluene	7.394	91	29960	0.824	ug/L		99
44) trans-1,3-Dichloropropene	7.661	75	7176	0.700	ug/L		99

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Quant Time: Sep 24 02:38:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 24 02:37:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	7.847	97	5744	0.910	ug/L		94
47) Tetrachloroethene	7.979	164	6467	0.881	ug/L		97
48) 2-Hexanone	8.149	43	32518	8.938	ug/L		94
49) Dibromochloromethane	8.249	129	5730	0.776	ug/L		93
50) 1,2-Dibromoethane	8.358	107	5137	0.867	ug/L	#	98
51) Chlorobenzene	8.886	112	20656	0.863	ug/L		100
52) Ethylbenzene	9.017	91	30789	0.798	ug/L		99
53) m,p-xylene	9.143	106	11817	0.784	ug/L		94
54) o-xylene	9.548	106	11233	0.756	ug/L		95
55) Styrene	9.567	104	17329	0.703	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.246	83	7019	1.038	ug/L		99
59) Bromoform	9.734	173	2899	0.809	ug/L	#	96
60) Isopropylbenzene	9.934	105	28207	0.784	ug/L		100
61) 1,2,3-Trichloropropane	10.278	75	5151	1.068	ug/L		97
62) 1,3,5-Trimethylbenzene	10.541	105	22749	0.761	ug/L		99
63) 1,2,4-Trimethylbenzene	10.918	105	22008	0.728	ug/L		99
64) 1,3-Dichlorobenzene	11.185	146	14567	0.836	ug/L		98
65) 1,4-Dichlorobenzene	11.275	146	15173	0.872	ug/L		95
67) 1,2-Dichlorobenzene	11.648	146	14650	0.899	ug/L		94
68) 1,2-Dibromo-3-chloropr...	12.435	75	838	0.919	ug/L		88
69) 1,3,5-Trichlorobenzene	12.651	180	10892	0.808	ug/L		94
70) 1,2,4-trichlorobenzene	13.265	180	8456	0.796	ug/L		98
71) Naphthalene	13.506	128	14421	0.887	ug/L		100
72) 1,2,3-Trichlorobenzene	13.747	180	7637	0.811	ug/L		95

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

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