Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012521\
Data File : VU042188.D
Acq On : 25 Jan 2021 10:33
Operator : SY/MD
Sample : VSTD00531
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005315

Quant Time: Jan 25 16:47:30 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 25 16:41:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.256	114	108217	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.423	117	102327	5.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	57074	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.601	65	26714	3.39	ug/L		0.00
7) Chloroethane-d5	1.916	69	23412	3.18	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.572	65	15142	3.74	ug/L		0.00
20) 2-Butanone-d5	4.645	46	128711	52.52	ug/L		0.00
24) Chloroform-d	5.073	84	68986	4.46	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.710	65	42650	4.85	ug/L		0.00
32) Benzene-d6	5.735	84	125725	4.39	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.700	67	40703	4.55	ug/L		0.00
41) Toluene-d8	7.906	98	118870	4.47	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.186	79	20097	5.17	ug/L		0.00
46) 2-Hexanone-d5	8.642	63	90828	45.57	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35702	4.29	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	48795	4.58	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.385	85	49720	5.06	ug/L		98
3) Chloromethane	1.520	50	43596	4.89	ug/L		98
5) Vinyl chloride	1.607	62	43605	4.22	ug/L		100
6) Bromomethane	1.861	94	22218	3.21	ug/L		95
8) Chloroethane	1.938	64	25491	3.90	ug/L		99
9) Trichlorofluoromethane	2.141	101	62237	4.28	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	38460	4.64	ug/L		94
12) 1,1-Dichloroethene	2.584	96	36420	4.46	ug/L		84
13) Acetone	2.655	43	90221	53.93	ug/L	#	61
14) Carbon disulfide	2.800	76	122606	4.47	ug/L		100
15) Methyl Acetate	2.964	43	20028	5.22	ug/L	#	88
16) Methylene chloride	3.054	84	40805	3.92	ug/L		88
17) Methyl tert-butyl Ether	3.372	73	104532	5.15	ug/L	#	93
18) trans-1,2-Dichloroethene	3.359	96	38881	4.87	ug/L		93
19) 1,1-Dichloroethane	3.877	63	73957	5.16	ug/L		98
21) 2-Butanone	4.726	43	148843	61.53	ug/L		86
22) cis-1,2-Dichloroethene	4.674	96	41907	4.95	ug/L		89
23) Bromochloromethane	4.983	128	19912	4.89	ug/L	#	83
25) Chloroform	5.099	83	76098	5.14	ug/L		97
27) 1,2-Dichloroethane	5.803	62	55890	5.67	ug/L	#	95
29) 1,1,1-Trichloroethane	5.324	97	70031	5.59	ug/L		96
30) Cyclohexane	5.398	56	72173	6.10	ug/L		89
31) Carbon tetrachloride	5.533	117	61021	5.52	ug/L		100
33) Benzene	5.784	78	157185	5.19	ug/L		100
34) Trichloroethene	6.549	95	42159	5.28	ug/L		99
35) Methylcyclohexane	6.771	83	69550	5.61	ug/L		92
37) 1,2-Dichloropropane	6.800	63	41536	5.45	ug/L		99
38) Bromodichloromethane	7.115	83	56487	5.58	ug/L		99
39) cis-1,3-Dichloropropene	7.613	75	67105	5.76	ug/L		99
40) 4-Methyl-2-pentanone	7.800	43	349100	67.30	ug/L	#	87
42) Toluene	7.977	91	170263	5.32	ug/L		99
44) trans-1,3-Dichloropropene	8.218	75	59910	5.66	ug/L		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	30279	5.04	ug/L		98
47) Tetrachloroethene	8.558	164	35127	5.58	ug/L		96
48) 2-Hexanone	8.694	43	255298	67.55	ug/L	#	87
49) Dibromochloromethane	8.819	129	39310	5.32	ug/L		95
50) 1,2-Dibromoethane	8.931	107	30285	5.06	ug/L	#	99
51) Chlorobenzene	9.456	112	106879	5.12	ug/L		95
52) Ethylbenzene	9.578	91	191140	5.63	ug/L		97
53) m,p-Xylene	9.700	106	72031	5.48	ug/L		90
54) o-Xylene	10.108	106	70071	5.56	ug/L		92
55) Styrene	10.121	104	118840	5.54	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.790	83	37894	4.79	ug/L		97
59) Bromoform	10.298	173	25580	5.19	ug/L		97
60) Isopropylbenzene	10.491	105	191699	5.37	ug/L		98
61) 1,2,3-Trichloropropane	10.832	75	28826	4.61	ug/L		99
62) 1,3,5-Trimethylbenzene	11.095	105	160196	5.45	ug/L		98
63) 1,2,4-Trimethylbenzene	11.475	105	158338	5.46	ug/L		99
64) 1,3-Dichlorobenzene	11.755	146	90005	5.25	ug/L		99
65) 1,4-Dichlorobenzene	11.845	146	90752	5.19	ug/L		99
67) 1,2-Dichlorobenzene	12.221	146	84711	5.01	ug/L		97
68) 1,2-Dibromo-3-chloropr...	13.005	75	7486	5.09	ug/L		96
69) 1,3,5-Trichlorobenzene	13.227	180	73357	5.57	ug/L		99
70) 1,2,4-trichlorobenzene	13.848	180	62691	6.33	ug/L		99
71) Naphthalene	14.095	128	106334	6.12	ug/L		99
72) 1,2,3-Trichlorobenzene	14.336	180	56755	6.11	ug/L		98

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

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