Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
Data File : VU043244.D
Acq On : 21 Apr 2021 12:41
Operator : SY/MD
Sample : M2057-21MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4536MSD

Quant Time: Apr 22 04:42:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 22 04:40:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	82667	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	83440	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	44505	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17486	4.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.20%			
7) Chloroethane-d5	1.919	69	16825	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.00%			
11) 1,1-Dichloroethene-d2	2.572	65	11688	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.00%			
20) 2-Butanone-d5	4.658	46	111699	60.58	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.16%			
24) Chloroform-d	5.073	84	56977	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.60%			
26) 1,2-Dichloroethane-d4	5.713	65	35208	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.735	84	96487	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.697	67	32980	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.40%			
41) Toluene-d8	7.906	98	91896	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
43) trans-1,3-Dichloroprop...	8.185	79	13938	4.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.00%			
46) 2-Hexanone-d5	8.642	63	68415	48.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.42%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30433	5.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.40%			
66) 1,2-Dichlorobenzene-d4	12.201	152	36954	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	14644	2.76	ug/L	99
3) Chloromethane	1.523	50	21722	4.17	ug/L	100
5) Vinyl chloride	1.607	62	23682	4.36	ug/L	91
6) Bromomethane	1.864	94	13788	4.25	ug/L	97
8) Chloroethane	1.941	64	19090	4.88	ug/L	85
9) Trichlorofluoromethane	2.144	101	46544	4.60	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	27997	5.12	ug/L	92
12) 1,1-Dichloroethene	2.588	96	26138	5.69	ug/L	84
13) Acetone	2.691	43	84172	62.13	ug/L	97
14) Carbon disulfide	2.800	76	81401	6.95	ug/L	98
15) Methyl Acetate	2.973	43	18166	7.13	ug/L #	83
16) Methylene chloride	3.054	84	31535	5.30	ug/L	82
17) Methyl tert-butyl Ether	3.375	73	76966	5.12	ug/L #	91
18) trans-1,2-Dichloroethene	3.363	96	28857	5.89	ug/L	89
19) 1,1-Dichloroethane	3.880	63	59756	5.60	ug/L	97
21) 2-Butanone	4.742	43	135513	60.61	ug/L	81
22) cis-1,2-Dichloroethene	4.678	96	35605	6.14	ug/L	88
23) Bromochloromethane	4.986	128	15539	5.87	ug/L #	76
25) Chloroform	5.099	83	64595	5.68	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.803	62	49790	5.97	ug/L	#	92
29) 1,1,1-Trichloroethane	5.327	97	55165	5.36	ug/L	#	93
30) Cyclohexane	5.398	56	51527	5.84	ug/L		84
31) Carbon tetrachloride	5.533	117	47258	5.50	ug/L		99
33) Benzene	5.784	78	125381	5.62	ug/L		100
34) Trichloroethene	6.549	95	41110	6.69	ug/L		97
35) Methylcyclohexane	6.771	83	49791	5.85	ug/L		89
37) 1,2-Dichloropropane	6.800	63	35418	5.64	ug/L		98
38) Bromodichloromethane	7.115	83	45735	5.42	ug/L		100
39) cis-1,3-Dichloropropene	7.613	75	48690	5.31	ug/L		98
40) 4-Methyl-2-pentanone	7.803	43	329873	58.70	ug/L	#	83
42) Toluene	7.976	91	140290	5.63	ug/L		97
44) trans-1,3-Dichloropropene	8.218	75	45113	5.22	ug/L		96
45) 1,1,2-Trichloroethane	8.407	97	25772	5.49	ug/L		96
47) Tetrachloroethene	8.558	164	27191	5.58	ug/L		98
48) 2-Hexanone	8.694	43	258541	62.53	ug/L	#	82
49) Dibromochloromethane	8.819	129	31685	5.35	ug/L		95
50) 1,2-Dibromoethane	8.931	107	25388	5.44	ug/L	#	99
51) Chlorobenzene	9.452	112	86667	5.45	ug/L		93
52) Ethylbenzene	9.578	91	151939	5.32	ug/L		99
53) m,p-Xylene	9.700	106	57017	5.46	ug/L		90
54) o-Xylene	10.108	106	55322	5.35	ug/L		93
55) Styrene	10.121	104	95265	5.37	ug/L		92
57) 1,1,2,2-Tetrachloroethane	10.790	83	35654	5.78	ug/L		96
59) Bromoform	10.298	173	19482	5.36	ug/L		97
60) Isopropylbenzene	10.491	105	149608	5.24	ug/L		97
61) 1,2,3-Trichloropropane	10.832	75	26956	5.86	ug/L		96
62) 1,3,5-Trimethylbenzene	11.095	105	119826	5.13	ug/L		97
63) 1,2,4-Trimethylbenzene	11.475	105	123001	5.12	ug/L		96
64) 1,3-Dichlorobenzene	11.751	146	72643	5.36	ug/L		99
65) 1,4-Dichlorobenzene	11.841	146	72396	5.27	ug/L		98
67) 1,2-Dichlorobenzene	12.221	146	71233	5.41	ug/L		98
68) 1,2-Dibromo-3-chloropr...	13.005	75	6065	5.42	ug/L		90
69) 1,3,5-Trichlorobenzene	13.227	180	58275	5.24	ug/L		98
70) 1,2,4-trichlorobenzene	13.848	180	49190	5.34	ug/L		99
71) Naphthalene	14.095	128	92831	5.98	ug/L		100
72) 1,2,3-Trichlorobenzene	14.336	180	48308	5.72	ug/L		98

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

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