Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
Data File : VU043446.D
Acq On : 30 Apr 2021 00:05
Operator : SY/MD
Sample : M2197-14MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YARH8MSD

Quant Time: Apr 30 08:35:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 30 08:34:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	90596	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	89567	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46694	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	19610	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.919	69	20449	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.20%			
11) 1,1-Dichloroethene-d2	2.575	65	12217	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.60%			
20) 2-Butanone-d5	4.642	46	110094	54.49	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.98%			
24) Chloroform-d	5.073	84	60988	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
26) 1,2-Dichloroethane-d4	5.710	65	36538	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.735	84	103746	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.700	67	37026	5.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.00%			
41) Toluene-d8	7.906	98	95326	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloroprop...	8.185	79	13336	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	8.642	63	68889	45.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.46%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30754	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
66) 1,2-Dichlorobenzene-d4	12.201	152	34885	4.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	32135	5.53	ug/L	98
3) Chloromethane	1.523	50	32633	5.71	ug/L	96
5) Vinyl chloride	1.607	62	31066	5.22	ug/L	98
6) Bromomethane	1.861	94	15874	4.47	ug/L	100
8) Chloroethane	1.938	64	20570	4.80	ug/L	99
9) Trichlorofluoromethane	2.144	101	52767	4.76	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	30414	5.08	ug/L	98
12) 1,1-Dichloroethene	2.584	96	30638	6.08	ug/L	78
13) Acetone	2.649	43	82227	55.38	ug/L #	65
14) Carbon disulfide	2.800	76	65191	5.08	ug/L	96
15) Methyl Acetate	2.964	43	15144	5.42	ug/L #	83
16) Methylene chloride	3.054	84	32031	4.92	ug/L	81
17) Methyl tert-butyl Ether	3.372	73	76205	4.63	ug/L #	90
18) trans-1,2-Dichloroethene	3.362	96	27308	5.09	ug/L	87
19) 1,1-Dichloroethane	3.880	63	65559	5.61	ug/L	98
21) 2-Butanone	4.719	43	130711	53.34	ug/L	81
22) cis-1,2-Dichloroethene	4.677	96	41170	6.48	ug/L	87
23) Bromochloromethane	4.983	128	14792	5.10	ug/L #	70
25) Chloroform	5.099	83	77334	6.20	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.803	62	47926	5.24	ug/L	#	93
29) 1,1,1-Trichloroethane	5.324	97	54445	4.92	ug/L	#	91
30) Cyclohexane	5.398	56	45673	4.82	ug/L	#	83
31) Carbon tetrachloride	5.533	117	49803	5.40	ug/L		97
33) Benzene	5.784	78	125916	5.26	ug/L		100
34) Trichloroethene	6.552	95	281922	42.74	ug/L		93
35) Methylcyclohexane	6.771	83	42618	4.67	ug/L	#	85
37) 1,2-Dichloropropane	6.800	63	37013	5.49	ug/L		98
38) Bromodichloromethane	7.115	83	49240	5.44	ug/L		97
39) cis-1,3-Dichloropropene	7.613	75	46777	4.75	ug/L		99
40) 4-Methyl-2-pentanone	7.800	43	313715	52.01	ug/L	#	83
42) Toluene	7.976	91	134317	5.02	ug/L		97
44) trans-1,3-Dichloropropene	8.217	75	42579	4.59	ug/L		96
45) 1,1,2-Trichloroethane	8.407	97	25302	5.02	ug/L		93
47) Tetrachloroethene	8.562	164	57864	11.06	ug/L		98
48) 2-Hexanone	8.690	43	238092	53.64	ug/L	#	82
49) Dibromochloromethane	8.819	129	30959	4.87	ug/L		94
50) 1,2-Dibromoethane	8.931	107	23324	4.65	ug/L	#	97
51) Chlorobenzene	9.452	112	83035	4.87	ug/L		93
52) Ethylbenzene	9.578	91	140959	4.60	ug/L		96
53) m,p-Xylene	9.700	106	51525	4.60	ug/L		86
54) o-Xylene	10.108	106	49403	4.45	ug/L		83
55) Styrene	10.121	104	69299	3.64	ug/L		93
57) 1,1,2,2-Tetrachloroethane	10.790	83	34511	5.21	ug/L		98
59) Bromoform	10.298	173	17274	4.53	ug/L	#	98
60) Isopropylbenzene	10.491	105	136109	4.54	ug/L	#	97
61) 1,2,3-Trichloropropane	10.832	75	25182	5.22	ug/L		96
62) 1,3,5-Trimethylbenzene	11.095	105	107101	4.37	ug/L		95
63) 1,2,4-Trimethylbenzene	11.475	105	106974	4.25	ug/L		95
64) 1,3-Dichlorobenzene	11.751	146	65812	4.63	ug/L		98
65) 1,4-Dichlorobenzene	11.844	146	65754	4.56	ug/L		97
67) 1,2-Dichlorobenzene	12.221	146	64858	4.70	ug/L		97
68) 1,2-Dibromo-3-chloropr...	13.002	75	5906	5.03	ug/L		82
69) 1,3,5-Trichlorobenzene	13.227	180	49651	4.26	ug/L		99
70) 1,2,4-trichlorobenzene	13.848	180	41423	4.29	ug/L		99
71) Naphthalene	14.095	128	76547	4.70	ug/L		99
72) 1,2,3-Trichlorobenzene	14.336	180	39990	4.52	ug/L		97

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

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