Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU044988.D
Acq On : 29 Sep 2021 13:15
Operator : SY/MD
Sample : VU0929WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 29 14:21:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0929WBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	154828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	275264	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	267310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	138178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	135673	52.64	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.28%			
35) Dibromofluoromethane	5.295	113	96045	55.31	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.62%			
50) Toluene-d8	7.902	98	380273	55.43	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.86%			
62) 4-Bromofluorobenzene	10.635	95	143581	50.69	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	37990	19.81	ug/l	98
3) Chloromethane	1.523	50	46687	18.80	ug/l	96
4) Vinyl Chloride	1.607	62	49956	20.15	ug/l	99
5) Bromomethane	1.858	94	34523	35.49	ug/l	100
6) Chloroethane	1.938	64	32589	17.11	ug/l	100
7) Trichlorofluoromethane	2.141	101	65014	19.85	ug/l	100
8) Diethyl Ether	2.382	74	29195	19.45	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.584	101	38324	20.58	ug/l	97
10) Methyl Iodide	2.729	142	28922	14.55	ug/l	97
11) Tert butyl alcohol	3.179	59	52255	70.64	ug/l	99
12) 1,1-Dichloroethene	2.584	96	36835	20.07	ug/l	96
13) Acrolein	2.488	56	12572	89.20	ug/l	95
14) Allyl chloride	2.928	41	66347	19.53	ug/l	95
15) Acrylonitrile	3.317	53	139559	93.55	ug/l	99
16) Acetone	2.629	43	135031	88.26	ug/l	100
17) Carbon Disulfide	2.800	76	104419	19.27	ug/l	99
18) Methyl Acetate	2.951	43	84201	18.83	ug/l	96
19) Methyl tert-butyl Ether	3.369	73	137873	19.46	ug/l	98
20) Methylene Chloride	3.051	84	45203	19.62	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	40785	20.31	ug/l	95
22) Diisopropyl ether	3.999	45	133757	19.29	ug/l	95
23) Vinyl Acetate	3.960	43	553374	98.10	ug/l	99
24) 1,1-Dichloroethane	3.877	63	80674	20.26	ug/l	99
25) 2-Butanone	4.706	43	192414	88.53	ug/l	96
26) 2,2-Dichloropropane	4.674	77	64432	19.14	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	46560	19.63	ug/l	99
28) Bromochloromethane	4.980	49	31530	19.11	ug/l	94
29) Tetrahydrofuran	5.054	42	119576	92.42	ug/l	96
30) Chloroform	5.095	83	80876	20.15	ug/l	99
31) Cyclohexane	5.394	56	75688	19.33	ug/l	95
32) 1,1,1-Trichloroethane	5.321	97	65879	19.90	ug/l	98
36) 1,1-Dichloropropene	5.533	75	58919	20.47	ug/l	99
37) Ethyl Acetate	4.806	43	72808	19.12	ug/l	99
38) Carbon Tetrachloride	5.530	117	51211	20.56	ug/l	99
39) Methylcyclohexane	6.767	83	72213	20.43	ug/l	98
40) Benzene	5.780	78	172502	20.12	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.976	41	38454	19.61	ug/l		97
42) 1,2-Dichloroethane	5.800	62	69004	20.48	ug/l		100
43) Isopropyl Acetate	5.915	43	109701	19.14	ug/l		100
44) Trichloroethene	6.549	130	41417	20.49	ug/l		95
45) 1,2-Dichloropropane	6.796	63	46454	20.44	ug/l		99
46) Dibromomethane	6.925	93	31811	20.77	ug/l		99
47) Bromodichloromethane	7.111	83	61396	20.65	ug/l		98
48) Methyl methacrylate	6.964	41	51208	18.36	ug/l		95
49) 1,4-Dioxane	6.967	88	18037	222.69	ug/l		95
51) 4-Methyl-2-Pentanone	7.793	43	364566	87.39	ug/l		99
52) Toluene	7.973	92	108407	20.20	ug/l		99
53) t-1,3-Dichloropropene	8.214	75	65397	19.23	ug/l		99
54) cis-1,3-Dichloropropene	7.613	75	71553	20.20	ug/l		99
55) 1,1,2-Trichloroethane	8.404	97	44122	19.73	ug/l		97
56) Ethyl methacrylate	8.336	69	70403	17.45	ug/l		99
57) 1,3-Dichloropropane	8.581	76	77898	19.52	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.468	63	90619	81.47	ug/l		97
59) 2-Hexanone	8.687	43	283215	83.37	ug/l		98
60) Dibromochloromethane	8.816	129	41331	18.85	ug/l		98
61) 1,2-Dibromoethane	8.928	107	46524	19.58	ug/l		100
64) Tetrachloroethene	8.558	164	37578	21.54	ug/l		95
65) Chlorobenzene	9.452	112	113098	20.18	ug/l		98
66) 1,1,1,2-Tetrachloroethane	9.539	131	37089	18.96	ug/l		98
67) Ethyl Benzene	9.574	91	207450	20.12	ug/l		99
68) m/p-Xylenes	9.697	106	162435	40.54	ug/l		98
69) o-Xylene	10.105	106	76980	19.36	ug/l		98
70) Styrene	10.118	104	128807	19.31	ug/l		98
71) Bromoform	10.295	173	29117	16.29	ug/l	#	99
73) Isopropylbenzene	10.488	105	202795	19.71	ug/l		99
74) N-amyl acetate	10.324	43	87474	16.88	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.787	83	74714	16.78	ug/l		99
76) 1,2,3-Trichloropropane	10.828	75	66453m	16.49	ug/l		
77) Bromobenzene	10.787	156	46215	18.60	ug/l		98
78) n-propylbenzene	10.909	91	251786	20.08	ug/l		99
79) 2-Chlorotoluene	10.989	91	148809	18.93	ug/l		100
80) 1,3,5-Trimethylbenzene	11.092	105	173965	19.30	ug/l		99
81) trans-1,4-Dichloro-2-b...	10.552	75	22232	15.31	ug/l		97
82) 4-Chlorotoluene	11.102	91	174728	19.67	ug/l		100
83) tert-Butylbenzene	11.423	119	161692	18.44	ug/l		97
84) 1,2,4-Trimethylbenzene	11.471	105	171697	19.25	ug/l		100
85) sec-Butylbenzene	11.648	105	222880	19.74	ug/l		99
86) p-Isopropyltoluene	11.796	119	179855	19.80	ug/l		99
87) 1,3-Dichlorobenzene	11.748	146	90764	19.07	ug/l		99
88) 1,4-Dichlorobenzene	11.841	146	91605	18.82	ug/l		98
89) n-Butylbenzene	12.211	91	171410	20.49	ug/l		99
90) Hexachloroethane	12.481	117	28440	17.34	ug/l		97
91) 1,2-Dichlorobenzene	12.217	146	89693	18.44	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	18077	17.21	ug/l		98
93) 1,2,4-Trichlorobenzene	13.844	180	52864	19.50	ug/l		99
94) Hexachlorobutadiene	14.024	225	22580	19.95	ug/l		99
95) Naphthalene	14.089	128	178891	17.55	ug/l		100
96) 1,2,3-Trichlorobenzene	14.333	180	52395	19.25	ug/l		100

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

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