Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
Data File : VU044992.D
Acq On : 29 Sep 2021 14:53
Operator : SY/MD
Sample : VU0929MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

Manual Integrations APPROVED
MMDadoda
9/30/2021 12:01:33 PM

Quant Time: Sep 29 16:07:40 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.378	168	155256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	281891	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	275358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	138961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	144454	55.89	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.78%			
35) Dibromofluoromethane	5.295	113	99578	56.00	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.00%			
50) Toluene-d8	7.902	98	394189	56.10	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.20%#			
62) 4-Bromofluorobenzene	10.635	95	149379	51.50	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	38491	20.02	ug/l	98
3) Chloromethane	1.523	50	47584	19.11	ug/l	97
4) Vinyl Chloride	1.607	62	51770	20.82	ug/l	100
5) Bromomethane	1.858	94	35560	36.46	ug/l	99
6) Chloroethane	1.938	64	34178	17.89	ug/l	100
7) Trichlorofluoromethane	2.141	101	65693	20.01	ug/l	99
8) Diethyl Ether	2.382	74	30596	20.33	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.584	101	38794	20.77	ug/l	97
10) Methyl Iodide	2.729	142	31109	15.61	ug/l	98
11) Tert butyl alcohol	3.179	59	50475	68.05	ug/l	98
12) 1,1-Dichloroethene	2.584	96	38213	20.76	ug/l	98
13) Acrolein	2.491	56	13017	92.01	ug/l	96
14) Allyl chloride	2.928	41	67158	19.71	ug/l	94
15) Acrylonitrile	3.317	53	145737	97.42	ug/l	99
16) Acetone	2.629	43	128750	83.93	ug/l	100
17) Carbon Disulfide	2.800	76	108703	20.00	ug/l	100
18) Methyl Acetate	2.951	43	88084	19.65	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	142859	20.10	ug/l	98
20) Methylene Chloride	3.051	84	46882	20.29	ug/l	95
21) trans-1,2-Dichloroethene	3.359	96	41124	20.42	ug/l	99
22) Diisopropyl ether	3.999	45	139082	20.00	ug/l	97
23) Vinyl Acetate	3.960	43	567280	100.29	ug/l	99
24) 1,1-Dichloroethane	3.877	63	82180	20.58	ug/l	99
25) 2-Butanone	4.706	43	196552	90.18	ug/l	99
26) 2,2-Dichloropropane	4.671	77	65643	19.45	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	48555	20.42	ug/l	100
28) Bromochloromethane	4.980	49	32291	19.51	ug/l	94
29) Tetrahydrofuran	5.054	42	125259	96.54	ug/l	96
30) Chloroform	5.095	83	81988	20.37	ug/l	100
31) Cyclohexane	5.394	56	77344	19.70	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	67071	20.20	ug/l	99
36) 1,1-Dichloropropene	5.529	75	60704	20.59	ug/l	99
37) Ethyl Acetate	4.809	43	75389	19.33	ug/l	97
38) Carbon Tetrachloride	5.529	117	53028	20.79	ug/l	97
39) Methylcyclohexane	6.767	83	70892	19.59	ug/l	96
40) Benzene	5.780	78	178541	20.34	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.976	41	40007	19.92	ug/l		98
42) 1,2-Dichloroethane	5.800	62	71090	20.60	ug/l		99
43) Isopropyl Acetate	5.915	43	113336	19.31	ug/l		99
44) Trichloroethene	6.546	130	41840	20.21	ug/l		98
45) 1,2-Dichloropropane	6.796	63	47816	20.54	ug/l		99
46) Dibromomethane	6.922	93	32663	20.83	ug/l		100
47) Bromodichloromethane	7.108	83	63227	20.77	ug/l		100
48) Methyl methacrylate	6.964	41	52645	18.43	ug/l		95
49) 1,4-Dioxane	6.967	88	15523	180.44	ug/l		92
51) 4-Methyl-2-Pentanone	7.793	43	380721	89.12	ug/l		99
52) Toluene	7.973	92	110842	20.17	ug/l		99
53) t-1,3-Dichloropropene	8.214	75	68319	19.62	ug/l		100
54) cis-1,3-Dichloropropene	7.610	75	73121	20.16	ug/l		99
55) 1,1,2-Trichloroethane	8.404	97	45528	19.88	ug/l		97
56) Ethyl methacrylate	8.336	69	72475	17.53	ug/l		99
57) 1,3-Dichloropropane	8.578	76	80211	19.63	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.468	63	95155	82.98	ug/l		100
59) 2-Hexanone	8.687	43	294694	84.71	ug/l		99
60) Dibromochloromethane	8.812	129	43570	19.34	ug/l		99
61) 1,2-Dibromoethane	8.928	107	48276	19.84	ug/l		99
64) Tetrachloroethene	8.555	164	38462	21.40	ug/l		95
65) Chlorobenzene	9.449	112	113527	19.66	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.539	131	38156	18.93	ug/l		100
67) Ethyl Benzene	9.574	91	211056	19.87	ug/l		100
68) m/p-Xylenes	9.697	106	163008	39.50	ug/l		99
69) o-Xylene	10.105	106	78833	19.25	ug/l		99
70) Styrene	10.118	104	131623	19.15	ug/l		100
71) Bromoform	10.295	173	30161	16.38	ug/l	#	100
73) Isopropylbenzene	10.488	105	207449	20.05	ug/l		100
74) N-amyl acetate	10.324	43	91774	17.61	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.787	83	79319	17.71	ug/l		99
76) 1,2,3-Trichloropropane	10.825	75	69415m	17.13	ug/l		
77) Bromobenzene	10.787	156	47933	19.18	ug/l		100
78) n-propylbenzene	10.909	91	255753	20.28	ug/l		100
79) 2-Chlorotoluene	10.989	91	150027	18.98	ug/l		100
80) 1,3,5-Trimethylbenzene	11.092	105	176567	19.48	ug/l		99
81) trans-1,4-Dichloro-2-b...	10.549	75	22724	15.56	ug/l		95
82) 4-Chlorotoluene	11.098	91	175453	19.64	ug/l		100
83) tert-Butylbenzene	11.423	119	165981	18.82	ug/l		99
84) 1,2,4-Trimethylbenzene	11.471	105	175465	19.56	ug/l		99
85) sec-Butylbenzene	11.648	105	225554	19.86	ug/l		100
86) p-Isopropyltoluene	11.796	119	181414	19.86	ug/l		99
87) 1,3-Dichlorobenzene	11.748	146	93634	19.57	ug/l		99
88) 1,4-Dichlorobenzene	11.838	146	93836	19.17	ug/l		98
89) n-Butylbenzene	12.211	91	168911	20.08	ug/l		100
90) Hexachloroethane	12.478	117	29373	17.81	ug/l		95
91) 1,2-Dichlorobenzene	12.217	146	91669	18.74	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	18216	17.24	ug/l		98
93) 1,2,4-Trichlorobenzene	13.844	180	52397	19.22	ug/l		99
94) Hexachlorobutadiene	14.024	225	22499	19.77	ug/l		98
95) Naphthalene	14.089	128	180233	17.58	ug/l		100
96) 1,2,3-Trichlorobenzene	14.333	180	53488	19.54	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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