Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
Data File : VU045447.D
Acq On : 28 Oct 2021 19:40
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 29 04:02:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 04:00:46 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
Supervised By :Semsettin Yesilyurt 11/01/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.378	168	194697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	361772	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	336565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	160454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	15788	4.859	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	9.720%#		
35) Dibromofluoromethane	5.295	113	10975	4.771	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.540%#		
50) Toluene-d8	7.902	98	41556	4.565	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.140%#		
62) 4-Bromofluorobenzene	10.635	95	16113	4.374	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.740%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	9608	3.915	ug/l	98
3) Chloromethane	1.520	50	16905	5.207	ug/l	99
4) Vinyl Chloride	1.604	62	13196	4.221	ug/l	99
5) Bromomethane	1.858	94	9543	6.977	ug/l	94
6) Chloroethane	1.932	64	8050	3.475	ug/l	97
7) Trichlorofluoromethane	2.137	101	15431	3.835	ug/l	96
8) Diethyl Ether	2.379	74	7508	4.059	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	9314	4.032	ug/l	99
10) Methyl Iodide	2.726	142	3747	1.641	ug/l #	94
11) Tert butyl alcohol	3.218	59	14657	16.622	ug/l	97
12) 1,1-Dichloroethene	2.581	96	9009	3.947	ug/l	98
13) Acrolein	2.494	56	3899	19.864	ug/l	97
14) Allyl chloride	2.925	41	17206	4.067	ug/l	97
15) Acrylonitrile	3.324	53	35281	19.247	ug/l	99
16) Acetone	2.642	43	30896	16.878	ug/l	93
17) Carbon Disulfide	2.797	76	26515	3.928	ug/l	97
18) Methyl Acetate	2.954	43	22842	4.114	ug/l	97
19) Methyl tert-butyl Ether	3.366	73	33886	3.873	ug/l	98
20) Methylene Chloride	3.051	84	12389	4.322	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	10241	4.103	ug/l	98
22) Diisopropyl ether	3.996	45	33245	3.864	ug/l	88
23) Vinyl Acetate	3.960	43	125042	18.075	ug/l	100
24) 1,1-Dichloroethane	3.874	63	20229	4.093	ug/l	99
25) 2-Butanone	4.713	43	46295	17.632	ug/l	99
26) 2,2-Dichloropropane	4.671	77	15431	3.755	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	11894	4.041	ug/l	95
28) Bromochloromethane	4.977	49	11484	5.469	ug/l	99
29) Tetrahydrofuran	5.060	42	30018	18.971	ug/l	99
30) Chloroform	5.092	83	19751	3.995	ug/l	100
31) Cyclohexane	5.388	56	23300	4.789	ug/l #	83
32) 1,1,1-Trichloroethane	5.321	97	15390	3.773	ug/l	95
36) 1,1-Dichloropropene	5.530	75	14710	3.955	ug/l	99
37) Ethyl Acetate	4.809	43	17486	3.598	ug/l	99
38) Carbon Tetrachloride	5.526	117	12727	3.967	ug/l	93
39) Methylcyclohexane	6.767	83	17431	3.813	ug/l	100
40) Benzene	5.777	78	44536	4.015	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.977	41	9310	3.715	ug/l		99
42) 1,2-Dichloroethane	5.800	62	16849	3.910	ug/l		98
43) Isopropyl Acetate	5.915	43	26331	3.601	ug/l		99
44) Trichloroethene	6.546	130	10155	3.888	ug/l		97
45) 1,2-Dichloropropane	6.796	63	11698	3.978	ug/l		94
46) Dibromomethane	6.922	93	7479	3.789	ug/l		99
47) Bromodichloromethane	7.108	83	14799	3.857	ug/l		100
48) Methyl methacrylate	6.964	41	11934	3.367	ug/l		99
49) 1,4-Dioxane	7.005	88	6577	79.192	ug/l	#	99
51) 4-Methyl-2-Pentanone	7.793	43	84454	16.185	ug/l		100
52) Toluene	7.973	92	27352	3.953	ug/l		99
53) t-1,3-Dichloropropene	8.214	75	15420	3.537	ug/l		92
54) cis-1,3-Dichloropropene	7.610	75	17715	3.866	ug/l		98
55) 1,1,2-Trichloroethane	8.404	97	10921	3.810	ug/l		97
56) Ethyl methacrylate	8.337	69	15714	3.184	ug/l		97
57) 1,3-Dichloropropane	8.578	76	19843	3.874	ug/l		97
58) 2-Chloroethyl Vinyl ether	7.465	63	54571	33.882	ug/l		99
59) 2-Hexanone	8.687	43	64568	15.377	ug/l		97
60) Dibromochloromethane	8.812	129	10030	3.705	ug/l		95
61) 1,2-Dibromoethane	8.925	107	11200	3.689	ug/l		98
64) Tetrachloroethene	8.555	164	8215	3.827	ug/l		98
65) Chlorobenzene	9.449	112	27039	3.907	ug/l		98
66) 1,1,1,2-Tetrachloroethane	9.539	131	9177	3.824	ug/l		98
67) Ethyl Benzene	9.574	91	48451	3.810	ug/l		99
68) m/p-Xylenes	9.697	106	36494	7.395	ug/l		99
69) o-Xylene	10.102	106	17943	3.677	ug/l		98
70) Styrene	10.118	104	28298	3.470	ug/l		100
71) Bromoform	10.291	173	6747	3.356	ug/l	#	98
73) Isopropylbenzene	10.488	105	45412	3.841	ug/l		99
74) N-amyl acetate	10.320	43	19507	3.331	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.787	83	18820	3.755	ug/l		99
76) 1,2,3-Trichloropropane	10.828	75	18110m	3.936	ug/l		
77) Bromobenzene	10.787	156	10707	3.775	ug/l		97
78) n-propylbenzene	10.909	91	55363	3.852	ug/l		99
79) 2-Chlorotoluene	10.989	91	34324	3.824	ug/l		99
80) 1,3,5-Trimethylbenzene	11.092	105	37616	3.659	ug/l		98
81) trans-1,4-Dichloro-2-b...	10.552	75	4912	3.023	ug/l		91
82) 4-Chlorotoluene	11.098	91	38434	3.794	ug/l		100
83) tert-Butylbenzene	11.423	119	36566	3.669	ug/l		99
84) 1,2,4-Trimethylbenzene	11.471	105	36742	3.618	ug/l		98
85) sec-Butylbenzene	11.645	105	48127	3.741	ug/l		99
86) p-Isopropyltoluene	11.796	119	38216	3.695	ug/l		98
87) 1,3-Dichlorobenzene	11.748	146	21664	4.003	ug/l		99
88) 1,4-Dichlorobenzene	11.838	146	21557	3.888	ug/l		93
89) n-Butylbenzene	12.211	91	35174	3.665	ug/l		98
90) Hexachloroethane	12.481	117	6593	3.534	ug/l		98
91) 1,2-Dichlorobenzene	12.217	146	21585	3.909	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	4210	3.547	ug/l		98
93) 1,2,4-Trichlorobenzene	13.844	180	13025	4.103	ug/l		97
94) Hexachlorobutadiene	14.024	225	5094	3.909	ug/l		99
95) Naphthalene	14.089	128	47339	3.948	ug/l		98
96) 1,2,3-Trichlorobenzene	14.333	180	13479	4.208	ug/l		100

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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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