Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
Data File : VX029660.D
Acq On : 21 Jun 2022 14:05
Operator : JC/MD
Sample : VX0621WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 22 01:10:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	235516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	401319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147440	47.293	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.580%			
35) Dibromofluoromethane	5.385	113	130362	49.845	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.700%			
50) Toluene-d8	8.653	98	489578	51.241	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.480%			
62) 4-Bromofluorobenzene	11.085	95	186731	51.826	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	58769	20.605	ug/l	99
3) Chloromethane	1.288	50	53861	17.529	ug/l	100
4) Vinyl Chloride	1.374	62	53008	18.738	ug/l	100
5) Bromomethane	1.605	94	23173	16.056	ug/l	98
6) Chloroethane	1.685	64	32901	16.931	ug/l	97
7) Trichlorofluoromethane	1.886	101	77008	19.539	ug/l	97
8) Diethyl Ether	2.136	74	29659	19.101	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	50736	20.530	ug/l	99
10) Methyl Iodide	2.453	142	38410	15.829	ug/l	99
11) Tert butyl alcohol	2.977	59	61194	83.925	ug/l	97
12) 1,1-Dichloroethene	2.319	96	48812	20.458	ug/l	96
13) Acrolein	2.239	56	14709	85.649	ug/l	92
14) Allyl chloride	2.666	41	74864	19.433	ug/l	95
15) Acrylonitrile	3.068	53	146168	100.238	ug/l	100
16) Acetone	2.386	43	113234	91.124	ug/l	99
17) Carbon Disulfide	2.514	76	113694	18.380	ug/l	100
18) Methyl Acetate	2.703	43	64454	19.618	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	160668	19.396	ug/l	100
20) Methylene Chloride	2.788	84	54896	19.835	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	51386	19.704	ug/l	98
22) Diisopropyl ether	3.763	45	153857	20.189	ug/l	91
23) Vinyl Acetate	3.721	43	637473	100.197	ug/l	98
24) 1,1-Dichloroethane	3.611	63	90350	19.714	ug/l	100
25) 2-Butanone	4.556	43	191260	97.373	ug/l	99
26) 2,2-Dichloropropane	4.477	77	66825	18.734	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	60066	19.715	ug/l	94
28) Bromochloromethane	4.897	49	33602	19.190	ug/l	99
29) Tetrahydrofuran	5.007	42	128986	98.536	ug/l	95
30) Chloroform	5.099	83	95541	19.699	ug/l	98
31) Cyclohexane	5.470	56	84438	20.174	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	82235	19.223	ug/l	99
36) 1,1-Dichloropropene	5.696	75	71771	20.276	ug/l	100
37) Ethyl Acetate	4.714	43	73796	20.339	ug/l	99
38) Carbon Tetrachloride	5.678	117	69791	20.050	ug/l	97
39) Methylcyclohexane	7.379	83	90753	20.564	ug/l	95
40) Benzene	6.037	78	214390	20.433	ug/l	97

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41) Methacrylonitrile	4.928	41	39687	20.761	ug/l		98
42) 1,2-Dichloroethane	6.092	62	70617	19.578	ug/l		98
43) Isopropyl Acetate	6.342	43	110307	19.551	ug/l		99
44) Trichloroethene	7.129	130	59314	19.254	ug/l		96
45) 1,2-Dichloropropane	7.433	63	52814	20.524	ug/l		99
46) Dibromomethane	7.586	93	37737	20.403	ug/l		96
47) Bromodichloromethane	7.824	83	71135	19.959	ug/l		100
48) Methyl methacrylate	7.696	41	55378	20.019	ug/l		93
49) 1,4-Dioxane	7.671	88	29784	417.596	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	369284	101.548	ug/l		97
52) Toluene	8.720	92	137597	20.479	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	69889	19.405	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	81984	20.329	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	55020	20.253	ug/l		96
56) Ethyl methacrylate	9.116	69	83687	20.392	ug/l		95
57) 1,3-Dichloropropane	9.311	76	90505	20.003	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.244	63	188115	97.556	ug/l		97
59) 2-Hexanone	9.433	43	282242	102.494	ug/l		97
60) Dibromochloromethane	9.525	129	52546	19.923	ug/l		97
61) 1,2-Dibromoethane	9.610	107	58172	20.654	ug/l		99
64) Tetrachloroethene	9.275	164	53685	20.670	ug/l		96
65) Chlorobenzene	10.079	112	146492	20.792	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	51766	20.459	ug/l		100
67) Ethyl Benzene	10.195	91	262525	20.709	ug/l		100
68) m/p-Xylenes	10.305	106	202911	41.044	ug/l		98
69) o-Xylene	10.646	106	101458	20.772	ug/l		99
70) Styrene	10.659	104	167316	20.922	ug/l		99
71) Bromoform	10.799	173	35567	19.825	ug/l	#	100
73) Isopropylbenzene	10.963	105	266183	20.326	ug/l		98
74) N-amyl acetate	10.848	43	87559	19.251	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.213	83	84434	19.942	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	74436m	19.563	ug/l		
77) Bromobenzene	11.201	156	60122	20.115	ug/l		96
78) n-propylbenzene	11.305	91	302953	20.540	ug/l		99
79) 2-Chlorotoluene	11.366	91	181497	19.873	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	224039	20.314	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	21251	18.580	ug/l		88
82) 4-Chlorotoluene	11.457	91	207796	19.952	ug/l		100
83) tert-Butylbenzene	11.719	119	217754	20.249	ug/l		94
84) 1,2,4-Trimethylbenzene	11.756	105	223733	20.340	ug/l		99
85) sec-Butylbenzene	11.890	105	274382	20.588	ug/l		100
86) p-Isopropyltoluene	12.012	119	229639	20.578	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	113805	19.988	ug/l		97
88) 1,4-Dichlorobenzene	12.042	146	115959	20.398	ug/l		98
89) n-Butylbenzene	12.335	91	191199	20.301	ug/l		100
90) Hexachloroethane	12.542	117	31647	19.806	ug/l		91
91) 1,2-Dichlorobenzene	12.335	146	114259	20.415	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17763	18.934	ug/l		97
93) 1,2,4-Trichlorobenzene	13.591	180	70324	20.605	ug/l		98
94) Hexachlorobutadiene	13.725	225	28555	20.436	ug/l		92
95) Naphthalene	13.780	128	257077	20.983	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	71266	20.849	ug/l		95

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

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