Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
Data File : VX029672.D
Acq On : 21 Jun 2022 19:16
Operator : JC/MD
Sample : N3398-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 22 01:12:36 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 :
ORA-520

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	252539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	431659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142910	42.750	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 85.500%			
35) Dibromofluoromethane	5.391	113	128319	45.615	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.240%			
50) Toluene-d8	8.653	98	488001	47.486	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.980%			
62) 4-Bromofluorobenzene	11.079	95	180941	46.689	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.380%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.368	62	155	0.051	ug/l #	1
11) Tert butyl alcohol	2.959	59	18489	16.746	ug/l	97
12) 1,1-Dichloroethene	2.057	96	41	0.016	ug/l #	1
14) Allyl chloride	2.654	41	150	0.036	ug/l #	25
15) Acrylonitrile	3.099	53	167	0.107	ug/l #	12
16) Acetone	2.380	43	21958	16.479	ug/l	98
17) Carbon Disulfide	2.526	76	149200	22.494	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	20	0.002	ug/l #	1
20) Methylene Chloride	2.782	84	453	0.153	ug/l #	66
22) Diisopropyl ether	3.751	45	78	0.010	ug/l #	63
23) Vinyl Acetate	3.739	43	41	0.006	ug/l #	66
25) 2-Butanone	4.556	43	153017	72.652	ug/l	97
26) 2,2-Dichloropropane	4.312	77	30	0.008	ug/l #	52
30) Chloroform	5.147	83	50	0.010	ug/l #	17
31) Cyclohexane	5.465	56	10543	2.349	ug/l	92
39) Methylcyclohexane	7.391	83	6327	1.333	ug/l	89
40) Benzene	6.050	78	63752	5.649	ug/l	98
42) 1,2-Dichloroethane	6.111	62	173	0.045	ug/l	92
43) Isopropyl Acetate	6.348	43	122	0.020	ug/l #	56
48) Methyl methacrylate	7.659	41	499	0.168	ug/l #	82
52) Toluene	8.720	92	214337	29.659	ug/l	98
56) Ethyl methacrylate	9.098	69	166	0.038	ug/l #	1
64) Tetrachloroethene	9.275	164	24	0.009	ug/l #	55
65) Chlorobenzene	10.086	112	40	0.005	ug/l #	42
67) Ethyl Benzene	10.195	91	317401	23.841	ug/l	100
68) m/p-Xylenes	10.305	106	595958	114.786	ug/l	100
69) o-Xylene	10.646	106	354137	69.039	ug/l	99
73) Isopropylbenzene	10.964	105	39427	2.963	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.189	83	22	0.005	ug/l #	25
78) n-propylbenzene	11.305	91	188370	12.571	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	420806	37.556	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	1932083	172.894	ug/l	98
85) sec-Butylbenzene	11.890	105	18143m	1.340	ug/l	
86) p-Isopropyltoluene	12.012	119	13203m	1.165	ug/l	
87) 1,3-Dichlorobenzene	11.982	146	120	0.021	ug/l #	1
88) 1,4-Dichlorobenzene	12.036	146	132	0.023	ug/l #	1

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
91)	1,2-Dichlorobenzene	12.335	146	148	0.026	ug/l	#	1
93)	1,2,4-Trichlorobenzene	13.597	180	50	0.014	ug/l	#	1
95)	Naphthalene	13.780	128	1830965	147.103	ug/l		99
96)	1,2,3-Trichlorobenzene	13.969	180	47	0.014	ug/l	#	1

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

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