Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
Data File : VX028770.D
Acq On : 17 May 2022 20:02
Operator : JC/MD
Sample : N2884-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31770

Manual Integrations APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:55:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	303889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	542307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	517999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	254829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206369	49.541	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.080%			
35) Dibromofluoromethane	5.385	113	180290	50.741	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.480%			
50) Toluene-d8	8.653	98	648508	48.411	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.820%			
62) 4-Bromofluorobenzene	11.079	95	296797	59.318	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 118.640%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	1240	0.307	ug/l #	81
11) Tert butyl alcohol	2.953	59	617617	713.426	ug/l #	93
16) Acetone	2.374	43	240159	134.334	ug/l	93
17) Carbon Disulfide	2.514	76	2964	0.364	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	3946	0.354	ug/l #	87
25) 2-Butanone	4.556	43	147344	52.506	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	4518	1.092	ug/l	89
29) Tetrahydrofuran	4.995	42	4990m	2.736	ug/l	
31) Cyclohexane	5.477	56	8027	1.388	ug/l	97
39) Methylcyclohexane	7.385	83	9501	1.552	ug/l	93
40) Benzene	6.044	78	1590413	103.693	ug/l	100
43) Isopropyl Acetate	6.336	43	27555	3.160	ug/l #	72
51) 4-Methyl-2-Pentanone	8.574	43	61439	10.696	ug/l	91
52) Toluene	8.720	92	1112990	112.807	ug/l	98
59) 2-Hexanone	9.433	43	6639	1.488	ug/l	95
67) Ethyl Benzene	10.195	91	1564917	79.451	ug/l	99
68) m/p-Xylenes	10.299	106	619640	80.804	ug/l	98
69) o-Xylene	10.640	106	317411	42.041	ug/l	98
70) Styrene	10.659	104	551639	44.992	ug/l	97
73) Isopropylbenzene	10.964	105	69996	3.622	ug/l	100
78) n-propylbenzene	11.305	91	59380	2.656	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	128007	7.950	ug/l	99
83) tert-Butylbenzene	11.713	119	6042	0.388	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	338738	20.978	ug/l	98
85) sec-Butylbenzene	11.890	105	10188	0.530	ug/l	88
86) p-Isopropyltoluene	12.012	119	20839	1.291	ug/l	90
88) 1,4-Dichlorobenzene	12.043	146	6833m	0.735	ug/l	
94) Hexachlorobutadiene	13.731	225	826	0.400	ug/l	92
95) Naphthalene	13.780	128	2812844	155.336	ug/l	99

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

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