Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
Data File : VX034553.D
Acq On : 16 Mar 2023 18:09
Operator : JC/MD
Sample : 01945-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

Manual Integrations APPROVED

Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

Quant Time: Mar 17 06:29:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	229912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	386268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166676	49.832	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.660%		
35) Dibromofluoromethane	5.385	113	122894	48.188	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.380%		
50) Toluene-d8	8.647	98	470791	49.450	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.900%		
62) 4-Bromofluorobenzene	11.079	95	183488	47.714	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.420%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.368	62	1414	0.485	ug/l	96
8) Diethyl Ether	2.130	74	7525	4.701	ug/l	91
11) Tert butyl alcohol	2.959	59	4681381	6721.097	ug/l	98
16) Acetone	2.373	43	30078	19.091	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	28190	3.128	ug/l	96
25) 2-Butanone	4.574	43	151643	67.266	ug/l #	75
29) Tetrahydrofuran	5.001	42	1285117	923.821	ug/l	98
40) Benzene	6.037	78	46169	4.029	ug/l	96
49) 1,4-Dioxane	7.665	88	8801	120.179	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	38451	9.143	ug/l #	77
52) Toluene	8.720	92	26576	3.746	ug/l	93
65) Chlorobenzene	10.079	112	9059	1.204	ug/l	91
67) Ethyl Benzene	10.195	91	7796	0.579	ug/l	94
68) m/p-Xylenes	10.299	106	51577	9.972	ug/l	97
69) o-Xylene	10.640	106	34057	6.561	ug/l	99
73) Isopropylbenzene	10.957	105	2606	0.222	ug/l	94
79) 2-Chlorotoluene	11.378	91	4830	0.577	ug/l #	69
80) 1,3,5-Trimethylbenzene	11.451	105	11856	1.204	ug/l	94
82) 4-Chlorotoluene	11.451	91	1982m	0.205	ug/l	
84) 1,2,4-Trimethylbenzene	11.750	105	38981	3.874	ug/l	96
86) p-Isopropyltoluene	12.012	119	27389	2.685	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	22815	4.089	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	1088	0.204	ug/l #	70
95) Naphthalene	13.780	128	5865	0.524	ug/l #	94

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

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