Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
Data File : VX035818.D
Acq On : 23 May 2023 16:52
Operator : JC/MD
Sample : 02830-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SEMI-ANNUAL-CONDENSATE

Manual Integrations APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 24 05:50:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 23 11:36:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.898	128	33368	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	196150	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	177002	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	86470	31.188	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.967%			
60) 4-Bromofluorobenzene	11.079	95	92643	31.192	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.967%			
63) Toluene-d8	8.647	98	238729	30.509	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.700%			
Target Compounds						Qvalue
8) Diethyl Ether	2.130	74	7646	6.167	ug/l	98
15) Acetone	2.398	58	906842	2558.847	ug/l	98
16) Carbon Disulfide	2.514	76	2316	0.638	ug/l #	94
22) cis-1,2-Dichloroethene	4.489	96	1740	0.746	ug/l #	60
23) tert-Butyl Alcohol	3.014	59	3256570	7529.720	ug/l #	100
30) 2-Butanone	4.574	43	5963341	3335.109	ug/l	99
34) Benzene	6.038	78	270396	31.380	ug/l	98
45) 1,4-Dioxane	7.714	88	81984	1552.887	ug/l	94
58) 4-Methyl-2-Pentanone	8.574	43	245987	71.549	ug/l	99
59) 2-Hexanone	9.433	43	102376	39.574	ug/l	95
62) Toluene	8.720	91	910607	99.900	ug/l	99
64) Chlorobenzene	10.080	112	62999	10.913	ug/l	90
66) Ethyl Benzene	10.195	91	520492	51.058	ug/l	98
67) m/p-Xylenes	10.299	106	200076	51.852	ug/l	99
68) o-Xylene	10.640	106	110748	28.694	ug/l	100
70) Isopropylbenzene	10.964	105	67107	6.812	ug/l	100
74) n-propylbenzene	11.305	91	53518	4.557	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	107559	12.855	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	390423	46.431	ug/l	98
81) sec-Butylbenzene	11.890	105	20470m	2.007	ug/l	
82) p-Isopropyltoluene	12.012	119	2156506	254.176	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	3777	0.834	ug/l	84
84) 1,4-Dichlorobenzene	12.043	146	364873	80.250	ug/l	100
85) n-Butylbenzene	12.323	91	29623m	3.925	ug/l	
87) 1,2-Dichlorobenzene	12.335	146	15173	3.419	ug/l	94
89) 1,2,4-Trichlorobenzene	13.591	180	3949	1.485	ug/l #	81
91) Naphthalene	13.780	128	2859969	310.708	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	2171	0.817	ug/l #	68

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

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