

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035822.D
 Acq On : 23 May 2023 18:25
 Operator : JC/MD
 Sample : 02830-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEMI-ANNUAL-CONDENSATEDL

Quant Time: May 24 05:52:05 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

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.904	128	33955	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	200702	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	179240	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	84485	29.945	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.833%		
60) 4-Bromofluorobenzene	11.079	95	88899	29.558	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.533%		
63) Toluene-d8	8.647	98	238859	30.144	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.467%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	1617	1.282	ug/l	93
15) Acetone	2.404	58	157029	435.431	ug/l	96
23) tert-Butyl Alcohol	3.038	59	476797m	1083.374	ug/l	
30) 2-Butanone	4.568	43	1021439	558.302	ug/l	99
34) Benzene	6.038	78	56508	6.409	ug/l	98
45) 1,4-Dioxane	7.745	88	14015m	259.442	ug/l	
58) 4-Methyl-2-Pentanone	8.574	43	40443	11.617	ug/l	99
59) 2-Hexanone	9.433	43	17879	6.825	ug/l	93
62) Toluene	8.720	91	189922	20.576	ug/l	100
64) Chlorobenzene	10.079	112	13050	2.232	ug/l	93
66) Ethyl Benzene	10.195	91	102941	9.972	ug/l	97
67) m/p-Xylenes	10.299	106	40873	10.460	ug/l	97
68) o-Xylene	10.640	106	21588	5.523	ug/l	97
70) Isopropylbenzene	10.963	105	13591	1.362	ug/l	99
74) n-propylbenzene	11.305	91	10563	0.888	ug/l	99
75) 2-Chlorotoluene	11.378	91	8325	1.140	ug/l	54
76) 1,3,5-Trimethylbenzene	11.451	105	21483	2.536	ug/l	100
78) 4-Chlorotoluene	11.451	91	3275	0.394	ug/l	52
80) 1,2,4-Trimethylbenzene	11.750	105	75535	8.871	ug/l	99
81) sec-Butylbenzene	11.884	105	4480	0.434	ug/l	68
82) p-Isopropyltoluene	12.006	119	431917	50.272	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	67420	14.643	ug/l	99
85) n-Butylbenzene	12.323	91	5559m	0.727	ug/l	
87) 1,2-Dichlorobenzene	12.335	146	2880	0.641	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	828	0.307	ug/l #	76
91) Naphthalene	13.774	128	522151	56.018	ug/l	100

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

Manual Integrations

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