Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
Data File : VX033708.D
Acq On : 12 Jan 2023 13:15
Operator : JC/MD
Sample : 01131-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
230111062-02-VOA

Manual Integrations APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

Quant Time: Jan 13 00:01:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.897	128	12830	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.763	114	89871	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	96947	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.952	65	33359	32.111	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.033%				
60) 4-Bromofluorobenzene	11.079	95	51980	29.749	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.167%				
63) Toluene-d8	8.646	98	95325	30.724	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.400%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	401	0.299	ug/l		99
4) Vinyl Chloride	1.373	62	460	0.354	ug/l	#	74
6) Chloroethane	1.690	64	800	1.051	ug/l		94
8) Diethyl Ether	2.135	74	8678	13.294	ug/l		99
21) 1,1-Dichloroethane	3.611	63	1399	0.567	ug/l	#	80
22) cis-1,2-Dichloroethene	4.489	96	801m	0.512	ug/l		
23) tert-Butyl Alcohol	3.001	59	76808	287.372	ug/l	#	100
24) Methyl tert-Butyl Ether	3.117	73	3120	0.745	ug/l		92
34) Benzene	6.037	78	8983	1.592	ug/l	#	95
45) 1,4-Dioxane	7.702	88	7181	201.830	ug/l	#	1
62) Toluene	8.720	91	6829	1.119	ug/l		95
64) Chlorobenzene	10.079	112	34360	8.742	ug/l		100
66) Ethyl Benzene	10.195	91	27120	3.985	ug/l		97
67) m/p-Xylenes	10.299	106	10394	3.870	ug/l		100
68) o-Xylene	10.640	106	9102	3.448	ug/l		96
70) Isopropylbenzene	10.963	105	3963	0.580	ug/l		99
74) n-propylbenzene	11.305	91	1558	0.201	ug/l		99
75) 2-Chlorotoluene	11.365	91	3608	0.777	ug/l		91
76) 1,3,5-Trimethylbenzene	11.451	105	2837	0.500	ug/l		99
80) 1,2,4-Trimethylbenzene	11.756	105	7190	1.282	ug/l		96
82) p-Isopropyltoluene	12.006	119	3909	0.643	ug/l		97
84) 1,4-Dichlorobenzene	12.042	146	37068	11.255	ug/l		99
87) 1,2-Dichlorobenzene	12.335	146	2716	0.854	ug/l		94
91) Naphthalene	13.780	128	2696	0.420	ug/l	#	95

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

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