Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032777.D
Acq On : 11 Nov 2022 16:11
Operator : JC/MD
Sample : N5565-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
221109054-02-VOA

Quant Time: Nov 14 05:13:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 11 05:24:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.903	128	10740	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	74575	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	79525	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32054	30.937	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.133%			
60) 4-Bromofluorobenzene	11.085	95	44354	29.157	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.200%			
63) Toluene-d8	8.653	98	80355	29.941	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.800%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.367	62	327	0.307	ug/l #	58
12) Methyl Acetate	2.703	43	3714	2.400	ug/l	96
13) Acrolein	2.239	56	381	1.846	ug/l	94
15) Acetone	2.379	58	64676	448.295	ug/l	76
16) Carbon Disulfide	2.514	76	17126	6.585	ug/l	100
22) cis-1,2-Dichloroethene	4.495	96	819	0.609	ug/l #	69
23) tert-Butyl Alcohol	2.971	59	925411	5137.025	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	10496	2.806	ug/l #	86
30) 2-Butanone	4.562	43	467066	605.641	ug/l #	88
34) Benzene	6.043	78	19239	4.128	ug/l	97
43) Ethyl Acetate	4.721	43	19350	12.473	ug/l #	35
45) 1,4-Dioxane	7.683	88	2500	100.114	ug/l #	43
58) 4-Methyl-2-Pentanone	8.573	43	20017	12.858	ug/l #	90
59) 2-Hexanone	9.433	43	3904	3.406	ug/l	94
62) Toluene	8.720	91	31934	6.175	ug/l	96
64) Chlorobenzene	10.079	112	6061	1.896	ug/l	96
66) Ethyl Benzene	10.195	91	58560	10.093	ug/l	93
67) m/p-Xylenes	10.299	106	21026	9.314	ug/l	90
68) o-Xylene	10.646	106	13822	6.240	ug/l	92
70) Isopropylbenzene	10.963	105	5365	0.907	ug/l	95
74) n-propylbenzene	11.305	91	4085	0.608	ug/l	90
76) 1,3,5-Trimethylbenzene	11.457	105	3524	0.705	ug/l	96
80) 1,2,4-Trimethylbenzene	11.756	105	15777	3.227	ug/l	94
82) p-Isopropyltoluene	12.012	119	10620	2.154	ug/l	95
84) 1,4-Dichlorobenzene	12.042	146	10892	4.114	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	976	0.372	ug/l	92
91) Naphthalene	13.774	128	231993	42.703	ug/l	99

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

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