Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
Data File : VX029970.D
Acq On : 08 Jul 2022 13:43
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jul 09 02:16:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jul 09 02:10:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	4.904	128	32198	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	6.769	114	179705	30.000	ug/l		0.00
57) Chlorobenzene-d5	10.055	117	155255	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.964	65	75624	28.804	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 96.000%				
60) 4-Bromofluorobenzene	11.085	95	80544	27.528	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.767%				
63) Toluene-d8	8.653	98	251156	29.833	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.433%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	856	0.389	ug/l		98
3) Chloromethane	1.288	50	869	0.378	ug/l	#	84
4) Vinyl Chloride	1.374	62	887	0.341	ug/l		94
5) Bromomethane	1.618	94	911	0.850	ug/l		95
7) Trichlorofluoromethane	1.892	101	1178	0.357	ug/l		99
9) 1,1,2-Trichlorotrifluo...	2.331	101	932	0.420	ug/l		83
10) 1,1-Dichloroethene	2.319	96	874	0.385	ug/l	#	87
11) Methyl Iodide	2.453	142	1567	9.464	ug/l		81
13) Acrolein	2.233	56	636	1.466	ug/l		89
14) Acrylonitrile	3.068	53	2245	1.413	ug/l		67
15) Acetone	2.380	58	360	0.834	ug/l	#	17
16) Carbon Disulfide	2.514	76	10080	1.703	ug/l	#	85
17) Allyl chloride	2.666	41	829	0.207	ug/l	#	73
18) Methylene Chloride	2.794	84	1291	0.489	ug/l	#	81
19) trans-1,2-Dichloroethene	3.093	96	1905	0.774	ug/l		87
37) Trichloroethene	7.129	130	2140	0.810	ug/l	#	75
38) Methylcyclohexane	7.379	83	1459	0.366	ug/l		73
40) Dibromomethane	7.586	93	663	0.389	ug/l		63
42) Vinyl Acetate	3.733	43	2827	0.426	ug/l	#	82
48) t-1,3-Dichloropropene	8.988	75	1088	0.323	ug/l		95
49) cis-1,3-Dichloropropene	8.379	75	958	0.254	ug/l	#	57
54) 1,2-Dibromoethane	9.610	107	528	0.201	ug/l		85
55) 2-Chloroethyl vinyl ether	8.251	63	1836	0.906	ug/l		97
58) 4-Methyl-2-Pentanone	8.580	43	927	0.242	ug/l	#	59
59) 2-Hexanone	9.439	43	1108	0.374	ug/l	#	90
61) Tetrachloroethene	9.275	164	1300	0.558	ug/l	#	83
62) Toluene	8.720	91	2466	0.239	ug/l		88
64) Chlorobenzene	10.079	112	1973	0.320	ug/l		89
66) Ethyl Benzene	10.195	91	3034	0.276	ug/l		90
67) m/p-Xylenes	10.305	106	2705	0.635	ug/l		96
68) o-Xylene	10.646	106	993	0.234	ug/l		89
69) Styrene	10.659	104	1940	0.276	ug/l	#	87
70) Isopropylbenzene	10.963	105	2711	0.254	ug/l		96
73) Bromobenzene	11.201	156	1051	0.410	ug/l		92
74) n-propylbenzene	11.311	91	4927	0.385	ug/l		96
75) 2-Chlorotoluene	11.366	91	2643	0.350	ug/l		97
76) 1,3,5-Trimethylbenzene	11.451	105	2792	0.311	ug/l		98
78) 4-Chlorotoluene	11.463	91	4229	0.500	ug/l		98
79) tert-butylbenzene	11.713	119	2480	0.284	ug/l		91

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80) 1,2,4-Trimethylbenzene	11.756	105	2823	0.306	ug/l		80
81) sec-Butylbenzene	11.896	105	4491	0.380	ug/l		96
82) p-Isopropyltoluene	12.012	119	3755	0.395	ug/l		89
83) 1,3-Dichlorobenzene	11.969	146	3077	0.621	ug/l		98
84) 1,4-Dichlorobenzene	12.049	146	3289	0.655	ug/l		98
85) n-Butylbenzene	12.329	91	5268	0.591	ug/l		99
86) Hexachloroethane	12.542	117	487	0.308	ug/l		58
87) 1,2-Dichlorobenzene	12.335	146	2229	0.456	ug/l		98
89) 1,2,4-Trichlorobenzene	13.591	180	3177	1.049	ug/l		96
90) Hexachlorobutadiene	13.725	225	1983	1.726	ug/l		90
91) Naphthalene	13.780	128	7417	0.614	ug/l	#	93
92) 1,2,3-Trichlorobenzene	13.963	180	2736	0.887	ug/l		99

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

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