Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102220\
Data File : VN064265.D
Acq On : 22 Oct 2020 21:15
Operator : JC/MD
Sample : L4214-07 2.5PPB LOD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2020

Manual Integrations APPROVED
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10/23/2020 3:37:47 PM

Quant Time: Oct 23 03:19:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 23 02:22:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	252593	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	419787	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	369843	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	167087	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.98	65	203235	54.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.36%				
35) Dibromofluoromethane	7.55	113	138759	49.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.44%				
50) Toluene-d8	10.06	98	492993	48.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.38%				
62) 4-Bromofluorobenzene	12.38	95	191078	46.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.12%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	5592	2.025	ug/l		90
3) Chloromethane	2.04	50	6182	2.118	ug/l	#	87
4) Vinyl Chloride	2.16	62	6389	2.207	ug/l		95
5) Bromomethane	2.53	94	4994	2.647	ug/l		95
6) Chloroethane	2.67	64	4182m	2.373	ug/l		
7) Trichlorofluoromethane	2.99	101	12621	2.652	ug/l		97
8) Diethyl Ether	3.37	74	3705	2.353	ug/l		89
9) 1,1,2-Trichlorotrifluoroet	3.72	101	5999	2.437	ug/l	#	45
10) Methyl Iodide	3.91	142	6724	1.921	ug/l		93
11) Tert butyl alcohol	4.74	59	6846	13.634	ug/l	#	79
12) 1,1-Dichloroethene	3.71	96	5616m	2.372	ug/l		
13) Acrolein	3.57	56	2614	8.293	ug/l		98
14) Allyl chloride	4.29	41	10562	2.229	ug/l		98
15) Acrylonitrile	4.95	53	12520m	12.058	ug/l		
16) Acetone	3.77	43	13562	12.636	ug/l		99
17) Carbon Disulfide	4.01	76	15816	2.342	ug/l	#	93
18) Methyl Acetate	4.29	43	7169m	2.621	ug/l		
19) Methyl tert-butyl Ether	4.99	73	20353	2.501	ug/l	#	85
20) Methylene Chloride	4.51	84	7307	2.553	ug/l	#	88
21) trans-1,2-Dichloroethene	5.00	96	6331	2.425	ug/l		89
22) Diisopropyl ether	5.90	45	19793	2.247	ug/l		89
23) Vinyl Acetate	5.85	43	90946	11.578	ug/l		95
24) 1,1-Dichloroethane	5.80	63	12712	2.491	ug/l	#	92
25) 2-Butanone	6.79	43	20795	12.195	ug/l		99
26) 2,2-Dichloropropane	6.77	77	10829	2.132	ug/l		82
27) cis-1,2-Dichloroethene	6.78	96	6940	2.283	ug/l		95
28) Bromochloromethane	7.15	49	6331	2.612	ug/l	#	89
29) Tetrahydrofuran	7.17	42	14076	13.800	ug/l		97
30) Chloroform	7.34	83	13378m	2.458	ug/l		
31) Cyclohexane	7.61	56	15322	3.446	ug/l	#	70
32) 1,1,1-Trichloroethane	7.53	97	12554	2.462	ug/l		97
36) 1,1-Dichloropropene	7.76	75	9792	2.340	ug/l		99
37) Ethyl Acetate	6.88	43	7825	2.059	ug/l	#	93
38) Carbon Tetrachloride	7.73	117	11779	2.474	ug/l	#	82

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Quant Title : SW846 8260
QLast Update : Fri Oct 23 02:22:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.05	83	8103	2.129 ug/l	#	87
40) Benzene	8.00	78	26330	2.279 ug/l		99
41) Methacrylonitrile	7.13	41	3732m	1.872 ug/l		
42) 1,2-Dichloroethane	8.08	62	12576	2.541 ug/l		94
43) Isopropyl Acetate	8.12	43	18072	2.552 ug/l	#	76
44) Trichloroethene	8.79	130	7613	2.418 ug/l		89
45) 1,2-Dichloropropane	9.09	63	7404	2.401 ug/l	#	87
46) Dibromomethane	9.18	93	5123	2.474 ug/l		97
47) Bromodichloromethane	9.37	83	10683	2.335 ug/l		97
48) Methyl methacrylate	9.16	41	8944	2.418 ug/l		92
49) 1,4-Dioxane	9.18	88	1951m	45.075 ug/l		
51) 4-Methyl-2-Pentanone	9.95	43	45078	11.911 ug/l		96
52) Toluene	10.12	92	16991	2.299 ug/l		97
53) t-1,3-Dichloropropene	10.35	75	11382	2.239 ug/l		93
54) cis-1,3-Dichloropropene	9.81	75	12786	2.389 ug/l		95
55) 1,1,2-Trichloroethane	10.53	97	6673	2.390 ug/l		95
56) Ethyl methacrylate	10.40	69	9569	2.217 ug/l	#	91
57) 1,3-Dichloropropane	10.68	76	11095	2.288 ug/l		91
58) 2-Chloroethyl Vinyl ether	9.66	63	24270	10.918 ug/l		94
59) 2-Hexanone	10.72	43	33393	12.081 ug/l		92
60) Dibromochloromethane	10.87	129	7734	2.140 ug/l		98
61) 1,2-Dibromoethane	10.98	107	7059	2.396 ug/l		95
64) Tetrachloroethene	10.60	164	8225	2.762 ug/l		94
65) Chlorobenzene	11.40	112	18156	2.372 ug/l		90
66) 1,1,1,2-Tetrachloroethane	11.48	131	7377	2.428 ug/l		98
67) Ethyl Benzene	11.48	91	33469	2.379 ug/l		97
68) m/p-Xylenes	11.59	106	22889	4.391 ug/l		97
69) o-Xylene	11.92	106	12589	2.497 ug/l		98
70) Styrene	11.94	104	18435	2.182 ug/l		97
71) Bromoform	12.10	173	5263	2.242 ug/l	#	93
73) Isopropylbenzene	12.22	105	30691	2.408 ug/l		96
74) N-amyl acetate	12.05	43	11744	2.133 ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.48	83	8531	2.523 ug/l		94
76) 1,2,3-Trichloropropane	12.52	75	9830m	2.791 ug/l		
77) Bromobenzene	12.50	156	7260	2.413 ug/l		85
78) n-propylbenzene	12.56	91	33708	2.346 ug/l		100
79) 2-Chlorotoluene	12.65	91	22802	2.584 ug/l		96
80) 1,3,5-Trimethylbenzene	12.70	105	24531	2.277 ug/l		94
81) trans-1,4-Dichloro-2-buten	12.28	75	2939m	2.107 ug/l		
82) 4-Chlorotoluene	12.75	91	22846	2.482 ug/l		98
83) tert-Butylbenzene	12.97	119	22053	2.497 ug/l		93
84) 1,2,4-Trimethylbenzene	13.01	105	25128	2.343 ug/l		97
85) sec-Butylbenzene	13.14	105	25759	2.313 ug/l		98
86) p-Isopropyltoluene	13.26	119	23110	2.279 ug/l		98
87) 1,3-Dichlorobenzene	13.26	146	12861	2.403 ug/l		96
88) 1,4-Dichlorobenzene	13.33	146	13162	2.402 ug/l		82
89) n-Butylbenzene	13.59	91	19877	2.187 ug/l		97
90) Hexachloroethane	13.85	117	4472	2.435 ug/l		98
91) 1,2-Dichlorobenzene	13.62	146	12854	2.448 ug/l		96
92) 1,2-Dibromo-3-Chloropropan	14.24	75	2215	2.625 ug/l		79

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	6233	2.116 ug/l	90
94) Hexachlorobutadiene	14.98	225	3826	2.408 ug/l	94
95) Naphthalene	15.10	128	16768	1.901 ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	5553	1.903 ug/l	96

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

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