Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052820\
Data File : VX016498.D
Acq On : 28 May 2020 20:05
Operator : JC/SP
Sample : L2778-05MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MSD

Manual Integrations APPROVED
MMDadoda
5/29/2020 10:57:54 AM

Quant Time: May 29 04:30:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	271299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	435674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	407255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	183709	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.06%			
35) Dibromofluoromethane	5.47	113	143498	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.98%			
50) Toluene-d8	8.70	98	568044	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.80%			
62) 4-Bromofluorobenzene	11.12	95	214032	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	146339	54.811	ug/l	99
3) Chloromethane	1.31	50	170710	52.910	ug/l	100
4) Vinyl Chloride	1.39	62	204415	59.910	ug/l	99
5) Bromomethane	1.62	94	91832	55.353	ug/l	97
6) Chloroethane	1.70	64	110861	55.699	ug/l	97
7) Trichlorofluoromethane	1.91	101	239586	53.467	ug/l	99
8) Diethyl Ether	2.17	74	98404	52.665	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127750	51.800	ug/l	99
10) Methyl Iodide	2.49	142	150189	50.913	ug/l	99
11) Tert butyl alcohol	3.01	59	228769	264.790	ug/l	99
12) 1,1-Dichloroethene	2.36	96	140482	53.815	ug/l	98
13) Acrolein	2.27	56	110416	300.436	ug/l	97
14) Allyl chloride	2.70	41	260980	54.362	ug/l	99
15) Acrylonitrile	3.12	53	504166	284.876	ug/l	98
16) Acetone	2.42	43	406738	275.546	ug/l	99
17) Carbon Disulfide	2.55	76	418008	53.921	ug/l	100
18) Methyl Acetate	2.75	43	200023	52.833	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	517619	55.219	ug/l	100
20) Methylene Chloride	2.83	84	162828	53.316	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	155438	53.832	ug/l	97
22) Diisopropyl ether	3.82	45	504129	54.663	ug/l	99
23) Vinyl Acetate	3.79	43	2121927	262.858	ug/l	99
24) 1,1-Dichloroethane	3.67	63	287072	55.149	ug/l	99
25) 2-Butanone	4.64	43	701479	280.455	ug/l	99
26) 2,2-Dichloropropane	4.55	77	189950	44.595	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	181065	54.204	ug/l	99
28) Bromochloromethane	4.98	49	125679	51.956	ug/l	98
29) Tetrahydrofuran	5.09	42	458718	283.876	ug/l	100
30) Chloroform	5.18	83	282917	53.941	ug/l	99
31) Cyclohexane	5.55	56	238705	50.973	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	251365	52.936	ug/l	100
36) 1,1-Dichloropropene	5.77	75	215414	52.221	ug/l	99
37) Ethyl Acetate	4.79	43	248277	50.132	ug/l	99
38) Carbon Tetrachloride	5.76	117	223307	51.513	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	7.44	83	227671	50.814 ug/l		99
40) Benzene	6.12	78	657505	53.525 ug/l		99
41) Methacrylonitrile	5.01	41	146417	53.824 ug/l		98
42) 1,2-Dichloroethane	6.17	62	228295	52.259 ug/l		99
43) Isopropyl Acetate	6.42	43	400244	51.812 ug/l		99
44) Trichloroethene	7.19	130	195047	50.045 ug/l		98
45) 1,2-Dichloropropane	7.49	63	168721	53.952 ug/l		97
46) Dibromomethane	7.64	93	110864	52.780 ug/l		99
47) Bromodichloromethane	7.88	83	231067	53.129 ug/l		99
48) Methyl methacrylate	7.74	41	202343	54.707 ug/l		99
49) 1,4-Dioxane	7.71	88	85260	985.000 ug/l		100
51) 4-Methyl-2-Pentanone	8.62	43	1325296	275.530 ug/l		99
52) Toluene	8.77	92	413253	53.349 ug/l		100
53) t-1,3-Dichloropropene	9.02	75	262343	53.047 ug/l		100
54) cis-1,3-Dichloropropene	8.42	75	275879	52.702 ug/l		99
55) 1,1,2-Trichloroethane	9.20	97	166913	54.194 ug/l		97
56) Ethyl methacrylate	9.16	69	279698	55.761 ug/l		99
57) 1,3-Dichloropropane	9.35	76	287343	54.354 ug/l		99
59) 2-Hexanone	9.48	43	1043612	279.002 ug/l		99
60) Dibromochloromethane	9.57	129	187967	54.231 ug/l		99
61) 1,2-Dibromoethane	9.65	107	178881	54.237 ug/l		100
64) Tetrachloroethene	9.32	164	208555	45.773 ug/l		99
65) Chlorobenzene	10.12	112	998223	120.227 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.21	131	166454	52.519 ug/l		100
67) Ethyl Benzene	10.24	91	766255	51.835 ug/l		100
68) m/p-Xylenes	10.34	106	574114	104.747 ug/l		100
69) o-Xylene	10.68	106	277662	52.310 ug/l		99
70) Styrene	10.70	104	494123	54.158 ug/l		100
71) Bromoform	10.84	173	143332	53.511 ug/l	#	98
73) Isopropylbenzene	11.00	105	724279	53.050 ug/l		100
74) N-amyl acetate	10.88	43	339232	54.018 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.25	83	208793	61.020 ug/l		100
76) 1,2,3-Trichloropropane	11.28	75	240721m	55.579 ug/l		
77) Bromobenzene	11.24	156	193213	53.957 ug/l		99
78) n-propylbenzene	11.34	91	819646	53.736 ug/l		99
79) 2-Chlorotoluene	11.41	91	503503	54.079 ug/l		100
80) 1,3,5-Trimethylbenzene	11.49	105	611312	53.624 ug/l		100
81) trans-1,4-Dichloro-2-buten	11.06	75	91982	52.241 ug/l		100
82) 4-Chlorotoluene	11.49	91	593790	54.007 ug/l		100
83) tert-Butylbenzene	11.76	119	536812	55.110 ug/l		99
84) 1,2,4-Trimethylbenzene	11.79	105	621205	53.882 ug/l		100
85) sec-Butylbenzene	11.93	105	660361	54.042 ug/l		99
86) p-Isopropyltoluene	12.05	119	621266	54.276 ug/l		100
87) 1,3-Dichlorobenzene	12.01	146	334539	53.924 ug/l		99
88) 1,4-Dichlorobenzene	12.08	146	346139	54.554 ug/l		99
89) n-Butylbenzene	12.37	91	536055	56.225 ug/l		100
90) Hexachloroethane	12.58	117	105697	53.460 ug/l		97
91) 1,2-Dichlorobenzene	12.38	146	325251	54.113 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60382	54.481 ug/l		98
93) 1,2,4-Trichlorobenzene	13.63	180	224685	56.286 ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	79225	50.549 ug/l	97
95) Naphthalene	13.82	128	758676	55.441 ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	210326	53.781 ug/l	100

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

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