Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042420\
Data File : VX015935.D
Acq On : 24 Apr 2020 17:05
Operator : JC/SP
Sample : VX0424WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Manual Integrations APPROVED
MMDadoda
4/27/2020 12:40:04 PM

Quant Time: Apr 25 07:25:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 24 13:17:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	146691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	273041	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	251628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	103091	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.54%			
35) Dibromofluoromethane	5.46	113	75742	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.72%			
50) Toluene-d8	8.70	98	314897	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.90%			
62) 4-Bromofluorobenzene	11.12	95	123080	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	31066	19.262	ug/l	99
3) Chloromethane	1.31	50	29715	17.877	ug/l	100
4) Vinyl Chloride	1.39	62	39552	18.594	ug/l	98
5) Bromomethane	1.63	94	19956	26.020	ug/l	99
6) Chloroethane	1.71	64	23948	18.703	ug/l	98
7) Trichlorofluoromethane	1.92	101	47071	18.891	ug/l	100
8) Diethyl Ether	2.17	74	21270	17.937	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30008	18.931	ug/l	99
10) Methyl Iodide	2.49	142	30899	20.117	ug/l	99
11) Tert butyl alcohol	3.01	59	37529	84.333	ug/l	100
12) 1,1-Dichloroethene	2.36	96	30857	18.579	ug/l	99
13) Acrolein	2.27	56	24121	87.338	ug/l	97
14) Allyl chloride	2.71	41	53941	18.377	ug/l	99
15) Acrylonitrile	3.12	53	87708	90.175	ug/l	99
16) Acetone	2.42	43	67795	87.261	ug/l	100
17) Carbon Disulfide	2.55	76	86570	18.726	ug/l	100
18) Methyl Acetate	2.75	43	41138	17.508	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	108926	18.312	ug/l	100
20) Methylene Chloride	2.84	84	35654	18.552	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	33652	18.135	ug/l	97
22) Diisopropyl ether	3.82	45	107050	18.467	ug/l	92
23) Vinyl Acetate	3.78	43	438651	92.621	ug/l	99
24) 1,1-Dichloroethane	3.67	63	61158	18.443	ug/l	99
25) 2-Butanone	4.63	43	111356	88.027	ug/l	100
26) 2,2-Dichloropropane	4.56	77	54565	18.648	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	38642	18.357	ug/l	99
28) Bromochloromethane	4.98	49	27604	18.831	ug/l	100
29) Tetrahydrofuran	5.09	42	73851	88.622	ug/l	99
30) Chloroform	5.18	83	60497	18.455	ug/l	98
31) Cyclohexane	5.55	56	56318	18.131	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	53384	18.102	ug/l	100
36) 1,1-Dichloropropene	5.77	75	47186	18.108	ug/l	99
37) Ethyl Acetate	4.79	43	45463	17.393	ug/l	99
38) Carbon Tetrachloride	5.76	117	43813	18.399	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.44	83	58881	18.641	ug/l		97
40) Benzene	6.12	78	139865	18.340	ug/l		98
41) Methacrylonitrile	5.00	41	25549	17.244	ug/l		99
42) 1,2-Dichloroethane	6.16	62	50581	18.953	ug/l		98
43) Isopropyl Acetate	6.41	43	77186	17.974	ug/l		100
44) Trichloroethene	7.19	130	43069	18.347	ug/l		99
45) 1,2-Dichloropropane	7.49	63	35478	18.181	ug/l		100
46) Dibromomethane	7.64	93	23577	18.092	ug/l		99
47) Bromodichloromethane	7.88	83	48028	18.110	ug/l		99
48) Methyl methacrylate	7.74	41	37543	17.779	ug/l		98
49) 1,4-Dioxane	7.71	88	16066	342.084	ug/l		98
51) 4-Methyl-2-Pentanone	8.62	43	227286	90.281	ug/l		99
52) Toluene	8.77	92	88309	18.254	ug/l		97
53) t-1,3-Dichloropropene	9.02	75	57293	17.916	ug/l		100
54) cis-1,3-Dichloropropene	8.41	75	61425	18.362	ug/l		97
55) 1,1,2-Trichloroethane	9.20	97	34687	17.953	ug/l		98
56) Ethyl methacrylate	9.16	69	55635	17.874	ug/l		98
57) 1,3-Dichloropropane	9.35	76	60287	18.238	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.29	63	144950	94.242	ug/l		99
59) 2-Hexanone	9.48	43	168481	88.135	ug/l		100
60) Dibromochloromethane	9.57	129	33944	17.691	ug/l		99
61) 1,2-Dibromoethane	9.65	107	36258	18.143	ug/l		100
64) Tetrachloroethene	9.32	164	47539	18.986	ug/l		99
65) Chlorobenzene	10.12	112	92316	18.479	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.21	131	33079	18.686	ug/l		97
67) Ethyl Benzene	10.24	91	172148	18.690	ug/l		99
68) m/p-Xylenes	10.34	106	127006	37.652	ug/l		100
69) o-Xylene	10.68	106	60944	18.515	ug/l		99
70) Styrene	10.70	104	104227	18.359	ug/l		100
71) Bromoform	10.84	173	21297	17.432	ug/l	#	99
73) Isopropylbenzene	11.01	105	165687	18.311	ug/l		100
74) N-amyl acetate	10.88	43	70286	17.885	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.26	83	35723	17.470	ug/l		99
76) 1,2,3-Trichloropropane	11.28	75	48393m	18.532	ug/l		
77) Bromobenzene	11.24	156	36343	17.683	ug/l		98
78) n-propylbenzene	11.35	91	191947	17.967	ug/l		99
79) 2-Chlorotoluene	11.41	91	115089	18.275	ug/l		99
80) 1,3,5-Trimethylbenzene	11.49	105	140006	18.201	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.06	75	19133	16.504	ug/l		96
82) 4-Chlorotoluene	11.49	91	134758	17.928	ug/l		100
83) tert-Butylbenzene	11.76	119	115896	17.919	ug/l		99
84) 1,2,4-Trimethylbenzene	11.79	105	141626	17.956	ug/l		99
85) sec-Butylbenzene	11.93	105	159585	18.021	ug/l		100
86) p-Isopropyltoluene	12.05	119	147173	18.225	ug/l		100
87) 1,3-Dichlorobenzene	12.01	146	68395	18.098	ug/l		99
88) 1,4-Dichlorobenzene	12.08	146	70212	18.043	ug/l		98
89) n-Butylbenzene	12.37	91	136917	17.991	ug/l		100
90) Hexachloroethane	12.58	117	22364	17.749	ug/l		95
91) 1,2-Dichlorobenzene	12.38	146	66981	18.279	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	10937	16.800	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	42112	17.814	ug/l	97
94) Hexachlorobutadiene	13.77	225	15794	18.847	ug/l	96
95) Naphthalene	13.82	128	150928	17.555	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	39964	17.868	ug/l	94

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

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