Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082119\
Data File : VX011725.D
Acq On : 21 Aug 2019 12:23
Operator : JC/SP
Sample : VX0821WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS01

Manual Integrations APPROVED
MMDadoda
8/22/2019 9:00:35 AM

Quant Time: Aug 21 19:12:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	337764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	491635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	499292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	170779	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.04%			
35) Dibromofluoromethane	5.49	113	151977	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.52%			
50) Toluene-d8	8.71	98	519107	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.62%			
62) 4-Bromofluorobenzene	11.13	95	222025	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	77599	23.373	ug/l	100
3) Chloromethane	1.32	50	65487	18.991	ug/l	98
4) Vinyl Chloride	1.40	62	60803	19.520	ug/l	99
5) Bromomethane	1.63	94	37052	26.547	ug/l	99
6) Chloroethane	1.71	64	36353	24.658	ug/l	99
7) Trichlorofluoromethane	1.92	101	101511	23.528	ug/l	100
8) Diethyl Ether	2.18	74	35883	24.245	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	63247	21.223	ug/l	98
10) Methyl Iodide	2.50	142	76001	17.902	ug/l	98
11) Tert butyl alcohol	3.04	59	81797	106.445	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58087	20.169	ug/l	100
13) Acrolein	2.29	56	23760	107.774	ug/l	96
14) Allyl chloride	2.72	41	97925	20.440	ug/l	95
15) Acrylonitrile	3.13	53	192252	109.312	ug/l	100
16) Acetone	2.43	43	167633	106.435	ug/l	100
17) Carbon Disulfide	2.56	76	124503	18.346	ug/l	99
18) Methyl Acetate	2.76	43	112831	23.099	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	215606	22.987	ug/l	99
20) Methylene Chloride	2.85	84	70253	21.244	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	66065	21.647	ug/l	98
22) Diisopropyl ether	3.85	45	207264	21.724	ug/l	94
23) Vinyl Acetate	3.81	43	815487	107.938	ug/l	99
24) 1,1-Dichloroethane	3.69	63	118046	21.884	ug/l	99
25) 2-Butanone	4.67	43	255688	103.409	ug/l	100
26) 2,2-Dichloropropane	4.58	77	81524	20.080	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	74330	20.892	ug/l	99
28) Bromochloromethane	5.01	49	47505	20.061	ug/l	98
29) Tetrahydrofuran	5.12	42	162042	99.906	ug/l	96
30) Chloroform	5.20	83	122960	21.599	ug/l	100
31) Cyclohexane	5.57	56	89920	19.361	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	101562	20.748	ug/l	97
36) 1,1-Dichloropropene	5.79	75	80522	19.156	ug/l	99
37) Ethyl Acetate	4.82	43	94284	19.501	ug/l #	94
38) Carbon Tetrachloride	5.77	117	86041	18.579	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	98876	19.048	ug/l		94
40) Benzene	6.13	78	247605	18.955	ug/l		100
41) Methacrylonitrile	5.04	41	52568	19.756	ug/l		98
42) 1,2-Dichloroethane	6.19	62	96491	21.321	ug/l		99
43) Isopropyl Acetate	6.44	43	137335	18.202	ug/l		98
44) Trichloroethene	7.21	130	74591	19.249	ug/l		96
45) 1,2-Dichloropropane	7.51	63	63075	19.362	ug/l		99
46) Dibromomethane	7.66	93	45664	19.289	ug/l		95
47) Bromodichloromethane	7.90	83	83032	19.102	ug/l		98
48) Methyl methacrylate	7.76	41	70663	18.912	ug/l		96
49) 1,4-Dioxane	7.74	88	38226	384.639	ug/l	#	92
51) 4-Methyl-2-Pentanone	8.63	43	483162	97.833	ug/l		99
52) Toluene	8.78	92	169835	20.408	ug/l		100
53) t-1,3-Dichloropropene	9.04	75	84089	18.640	ug/l		100
54) cis-1,3-Dichloropropene	8.43	75	97947	19.840	ug/l		95
55) 1,1,2-Trichloroethane	9.21	97	73206	20.686	ug/l		95
56) Ethyl methacrylate	9.18	69	104859	20.386	ug/l		97
57) 1,3-Dichloropropane	9.37	76	119193	21.188	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.30	63	259147	101.116	ug/l		99
59) 2-Hexanone	9.49	43	397456	104.362	ug/l		100
60) Dibromochloromethane	9.58	129	74496	20.204	ug/l		100
61) 1,2-Dibromoethane	9.67	107	78680	20.832	ug/l		98
64) Tetrachloroethene	9.34	164	80041	19.538	ug/l		97
65) Chlorobenzene	10.13	112	198661	18.655	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.22	131	72575	18.233	ug/l		99
67) Ethyl Benzene	10.25	91	341030	19.188	ug/l		99
68) m/p-Xylenes	10.35	106	264231	38.731	ug/l		98
69) o-Xylene	10.69	106	129049	19.311	ug/l		98
70) Styrene	10.71	104	219276	19.492	ug/l		99
71) Bromoform	10.85	173	57175	17.100	ug/l	#	100
73) Isopropylbenzene	11.02	105	350656	20.075	ug/l		100
74) N-amyl acetate	10.90	43	132008	17.783	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.26	83	113271	18.851	ug/l		99
76) 1,2,3-Trichloropropane	11.29	75	97729m	19.146	ug/l		
77) Bromobenzene	11.25	156	101205	19.474	ug/l		99
78) n-propylbenzene	11.36	91	380878	20.222	ug/l		100
79) 2-Chlorotoluene	11.42	91	229071	19.806	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	298454	20.340	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	27017	17.537	ug/l		89
82) 4-Chlorotoluene	11.51	91	265127	19.759	ug/l		100
83) tert-Butylbenzene	11.77	119	295292	19.759	ug/l		98
84) 1,2,4-Trimethylbenzene	11.80	105	298582	20.269	ug/l		100
85) sec-Butylbenzene	11.94	105	337229	20.001	ug/l		100
86) p-Isopropyltoluene	12.06	119	323332	20.384	ug/l		99
87) 1,3-Dichlorobenzene	12.02	146	172404	19.300	ug/l		98
88) 1,4-Dichlorobenzene	12.09	146	175334	19.366	ug/l		98
89) n-Butylbenzene	12.38	91	262128	20.100	ug/l		100
90) Hexachloroethane	12.59	117	44586	17.800	ug/l		96
91) 1,2-Dichlorobenzene	12.39	146	174640	19.476	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23650	17.204	ug/l		96

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8/22/2019 9:00:35 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131063	19.617 ug/l	99
94) Hexachlorobutadiene	13.78	225	70079	19.263 ug/l	98
95) Naphthalene	13.83	128	388959	20.593 ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	132256	19.626 ug/l	99

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

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