Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032219\
Data File : VN054547.D
Acq On : 22 Mar 2019 10:10
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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3/25/2019 3:10:56 PM

Quant Time: Mar 22 12:30:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 14:42:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.66	168	509202	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.58	114	782371	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	678157	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	301082	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	317759	50.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.34%				
35) Dibromofluoromethane	7.59	113	254194	50.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.86%				
50) Toluene-d8	10.09	98	938673	49.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.08%				
62) 4-Bromofluorobenzene	12.40	95	323047	50.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	250750	51.512	ug/l		99
3) Chloromethane	2.06	50	323171	48.794	ug/l		98
4) Vinyl Chloride	2.19	62	312356	46.974	ug/l		99
5) Bromomethane	2.57	94	177220	41.216	ug/l		99
6) Chloroethane	2.71	64	170124	42.654	ug/l		97
7) Trichlorofluoromethane	3.02	101	384330	47.593	ug/l		100
8) Diethyl Ether	3.41	74	133767	43.071	ug/l		72
9) 1,1,2-Trichlorotrifluoroet	3.75	101	212795	44.837	ug/l		94
10) Methyl Iodide	3.94	142	293527	42.045	ug/l		92
11) Tert butyl alcohol	4.82	59	95365	243.991	ug/l		99
12) 1,1-Dichloroethene	3.73	96	202085	41.146	ug/l	#	76
13) Acrolein	3.61	56	122525	231.542	ug/l		97
14) Allyl chloride	4.31	41	470377	50.859	ug/l	#	90
15) Acrylonitrile	4.99	53	516335	270.394	ug/l		99
16) Acetone	3.82	43	523581	274.958	ug/l	#	85
17) Carbon Disulfide	4.04	76	602667	45.796	ug/l		99
18) Methyl Acetate	4.33	43	231744	54.601	ug/l	#	89
19) Methyl tert-butyl Ether	5.05	73	722090	50.377	ug/l		93
20) Methylene Chloride	4.54	84	264915	47.195	ug/l	#	81
21) trans-1,2-Dichloroethene	5.03	96	248552	49.560	ug/l		86
22) Diisopropyl ether	5.96	45	953846	52.287	ug/l	#	95
23) Vinyl Acetate	5.90	43	3574222	277.412	ug/l	#	93
24) 1,1-Dichloroethane	5.85	63	500848	50.990	ug/l		98
25) 2-Butanone	6.85	43	710629	291.325	ug/l		90
26) 2,2-Dichloropropane	6.82	77	363448	51.907	ug/l		97
27) cis-1,2-Dichloroethene	6.83	96	284988	47.642	ug/l		87
28) Bromochloromethane	7.19	49	255400	52.825	ug/l	#	74
29) Tetrahydrofuran	7.22	42	439528	277.665	ug/l	#	85
30) Chloroform	7.37	83	480536	50.130	ug/l		96
31) Cyclohexane	7.65	56	482228	51.284	ug/l		87
32) 1,1,1-Trichloroethane	7.57	97	402597	50.908	ug/l		95
36) 1,1-Dichloropropene	7.79	75	372067	50.862	ug/l		96
37) Ethyl Acetate	6.94	43	289963	55.732	ug/l		95
38) Carbon Tetrachloride	7.77	117	351625	49.464	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	440487	52.640	ug/l		90
40) Benzene	8.04	78	1069710	51.138	ug/l		100
41) Methacrylonitrile	7.17	41	157405	49.608	ug/l		92
42) 1,2-Dichloroethane	8.12	62	388098	50.945	ug/l		97
43) Isopropyl Acetate	8.17	43	498829	56.770	ug/l	#	94
44) Trichloroethene	8.83	130	287184	49.381	ug/l		94
45) 1,2-Dichloropropane	9.12	63	301070	53.600	ug/l		100
46) Dibromomethane	9.21	93	176527	52.679	ug/l		89
47) Bromodichloromethane	9.40	83	363460	52.263	ug/l		97
48) Methyl methacrylate	9.20	41	260520	54.626	ug/l		87
49) 1,4-Dioxane	9.20	88	47847	897.411	ug/l	#	82
51) 4-Methyl-2-Pentanone	9.99	43	1415366	290.647	ug/l		94
52) Toluene	10.16	92	645020	50.135	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	364001	49.634	ug/l		98
54) cis-1,3-Dichloropropene	9.84	75	438589	55.002	ug/l	#	90
55) 1,1,2-Trichloroethane	10.56	97	240211	51.940	ug/l		97
56) Ethyl methacrylate	10.43	69	342329	55.149	ug/l	#	84
57) 1,3-Dichloropropane	10.71	76	422420	52.544	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	743164	290.747	ug/l		90
59) 2-Hexanone	10.75	43	942120	296.186	ug/l		92
60) Dibromochloromethane	10.90	129	265611	53.973	ug/l		100
61) 1,2-Dibromoethane	11.00	107	239814	52.451	ug/l		100
64) Tetrachloroethene	10.63	164	261211	46.437	ug/l		96
65) Chlorobenzene	11.43	112	688376	49.908	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	260141	52.546	ug/l		99
67) Ethyl Benzene	11.51	91	1241840	50.970	ug/l		98
68) m/p-Xylenes	11.62	106	926661	100.412	ug/l		96
69) o-Xylene	11.95	106	449838	49.912	ug/l		97
70) Styrene	11.96	104	748064	51.112	ug/l		97
71) Bromoform	12.13	173	164432	48.257	ug/l		100
73) Isopropylbenzene	12.25	105	1192715	49.160	ug/l		98
74) N-amyl acetate	12.07	43	409969	58.767	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.50	83	301500	54.438	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	233714m	48.918	ug/l		
77) Bromobenzene	12.53	156	291048	48.369	ug/l		84
78) n-propylbenzene	12.59	91	1350309	51.326	ug/l		97
79) 2-Chlorotoluene	12.67	91	801864	48.877	ug/l		96
80) 1,3,5-Trimethylbenzene	12.73	105	994358	50.006	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	71672	51.606	ug/l	#	84
82) 4-Chlorotoluene	12.77	91	802598	50.470	ug/l		97
83) tert-Butylbenzene	12.99	119	845872	48.870	ug/l		95
84) 1,2,4-Trimethylbenzene	13.04	105	987104	50.592	ug/l		98
85) sec-Butylbenzene	13.17	105	1104416	51.186	ug/l		98
86) p-Isopropyltoluene	13.29	119	1008214	52.229	ug/l		98
87) 1,3-Dichlorobenzene	13.28	146	501972	50.340	ug/l		98
88) 1,4-Dichlorobenzene	13.36	146	483290	49.814	ug/l		97
89) n-Butylbenzene	13.61	91	849419	56.275	ug/l		98
90) Hexachloroethane	13.87	117	162091	54.096	ug/l		89
91) 1,2-Dichlorobenzene	13.65	146	481816	49.886	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46055	56.694	ug/l		82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	266248	55.298	ug/l	99
94) Hexachlorobutadiene	15.01	225	158488	59.035	ug/l	100
95) Naphthalene	15.13	128	592425	55.163	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	260073	54.272	ug/l	99

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

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