

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059415.D
 Acq On : 26 Nov 2019 18:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/27/2019 11:26:50 AM

Quant Time: Nov 27 02:54:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	391520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	616771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	556105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	260987	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	221157	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	7.57	113	183139	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	10.08	98	709386	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.40	95	253418	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	221046	44.101	ug/l	98
3) Chloromethane	2.04	50	271128	44.155	ug/l	99
4) Vinyl Chloride	2.17	62	296535	46.905	ug/l	99
5) Bromomethane	2.54	94	158033	45.025	ug/l	99
6) Chloroethane	2.68	64	154491	44.776	ug/l	100
7) Trichlorofluoromethane	3.00	101	319351	46.909	ug/l	98
8) Diethyl Ether	3.39	74	141480	50.834	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	201307	48.358	ug/l	99
10) Methyl Iodide	3.93	142	271123	52.404	ug/l	98
11) Tert butyl alcohol	4.76	59	221589	235.601	ug/l	100
12) 1,1-Dichloroethene	3.72	96	200734	47.505	ug/l	96
13) Acrolein	3.58	56	158794	184.955	ug/l	99
14) Allyl chloride	4.30	41	372426	47.179	ug/l	99
15) Acrylonitrile	4.96	53	626926	252.106	ug/l	100
16) Acetone	3.79	43	551096	261.640	ug/l	98
17) Carbon Disulfide	4.03	76	595944	45.014	ug/l	100
18) Methyl Acetate	4.30	43	365258	52.252	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	694566	50.891	ug/l	100
20) Methylene Chloride	4.53	84	228096	48.015	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	216910	48.435	ug/l	99
22) Diisopropyl ether	5.92	45	741943	49.920	ug/l	98
23) Vinyl Acetate	5.87	43	2964016	253.602	ug/l	99
24) 1,1-Dichloroethane	5.82	63	414331	49.526	ug/l	99
25) 2-Butanone	6.81	43	841328	256.870	ug/l	98
26) 2,2-Dichloropropane	6.80	77	339556	46.875	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	249688	49.416	ug/l	98
28) Bromochloromethane	7.17	49	163600	48.103	ug/l	96
29) Tetrahydrofuran	7.19	42	564244	249.141	ug/l	100
30) Chloroform	7.35	83	400180	49.293	ug/l	99
31) Cyclohexane	7.63	56	370851	44.834	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	342528	49.107	ug/l	99
36) 1,1-Dichloropropene	7.77	75	307939	48.363	ug/l	99
37) Ethyl Acetate	6.91	43	335319	49.001	ug/l	98
38) Carbon Tetrachloride	7.75	117	299093	49.068	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	365515	47.606	ug/l	98
40) Benzene	8.02	78	930041	49.767	ug/l	100
41) Methacrylonitrile	7.16	41	152233m	50.113	ug/l	
42) 1,2-Dichloroethane	8.11	62	303166	49.052	ug/l	100
43) Isopropyl Acetate	8.15	43	535903	51.243	ug/l	99
44) Trichloroethene	8.82	130	233446	49.290	ug/l	98
45) 1,2-Dichloropropane	9.10	63	249911	50.150	ug/l	98
46) Dibromomethane	9.19	93	156694	51.264	ug/l	99
47) Bromodichloromethane	9.39	83	314221	51.330	ug/l	100
48) Methyl methacrylate	9.19	41	240042	50.474	ug/l	97
49) 1,4-Dioxane	9.19	88	65765	920.105	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1663059	271.681	ug/l	99
52) Toluene	10.15	92	565855	50.357	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	359706	50.548	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	396208	51.310	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	225839	51.692	ug/l	99
56) Ethyl methacrylate	10.42	69	357693	48.543	ug/l	98
57) 1,3-Dichloropropane	10.70	76	391996	51.479	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	593654	222.000	ug/l	98
59) 2-Hexanone	10.75	43	1213459	270.721	ug/l	98
60) Dibromochloromethane	10.90	129	243132	52.810	ug/l	99
61) 1,2-Dibromoethane	11.00	107	231315	50.884	ug/l	98
64) Tetrachloroethene	10.63	164	205744	47.837	ug/l	98
65) Chlorobenzene	11.43	112	589295	49.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	224419	51.662	ug/l	99
67) Ethyl Benzene	11.51	91	1067844	50.016	ug/l	100
68) m/p-Xylenes	11.62	106	797817	100.566	ug/l	100
69) o-Xylene	11.95	106	379052	49.909	ug/l	99
70) Styrene	11.96	104	625199	52.169	ug/l	99
71) Bromoform	12.13	173	180091	54.742	ug/l #	99
73) Isopropylbenzene	12.25	105	1021674	47.787	ug/l	99
74) N-amyl acetate	12.07	43	425113	49.476	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	340633	48.164	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	303446m	50.327	ug/l	
77) Bromobenzene	12.53	156	246870	47.606	ug/l	99
78) n-propylbenzene	12.59	91	1191120	49.184	ug/l	99
79) 2-Chlorotoluene	12.67	91	699345	47.047	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	859214	47.807	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	126399	52.433	ug/l	96
82) 4-Chlorotoluene	12.77	91	714307	46.436	ug/l	99
83) tert-Butylbenzene	12.99	119	739645	48.728	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	850959	48.335	ug/l	100
85) sec-Butylbenzene	13.17	105	986716	48.365	ug/l	100
86) p-Isopropyltoluene	13.29	119	890296	49.041	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	436052	47.218	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	431568	47.233	ug/l	99
89) n-Butylbenzene	13.62	91	760142	47.731	ug/l	99
90) Hexachloroethane	13.88	117	167153	48.617	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	422821	47.323	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	67477	44.876	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	247622	44.879	ug/l	99
94) Hexachlorobutadiene	15.01	225	147147	45.711	ug/l	99
95) Naphthalene	15.13	128	658184	43.232	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	249595	45.922	ug/l	100

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

