

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059426.D
 Acq On : 27 Nov 2019 16:07
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:09:04 AM

Quant Time: Nov 27 16:53:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:27:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	332893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	515891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	464423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220870	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	193248	49.56	ug/l	0.00
Spiked Amount						
			Recovery	=	99.12%	
35) Dibromofluoromethane	7.57	113	159280	50.69	ug/l	0.00
Spiked Amount						
			Recovery	=	101.38%	
50) Toluene-d8	10.08	98	637886	50.95	ug/l	0.00
Spiked Amount						
			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	226570	51.97	ug/l	0.00
Spiked Amount						
			Recovery	=	103.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	204721	52.250	ug/l	100
3) Chloromethane	2.04	50	241438	50.447	ug/l	100
4) Vinyl Chloride	2.17	62	231910	50.425	ug/l	100
5) Bromomethane	2.54	94	135764	49.029	ug/l	100
6) Chloroethane	2.68	64	129844	50.354	ug/l	100
7) Trichlorofluoromethane	3.00	101	270341	49.350	ug/l	100
8) Diethyl Ether	3.39	74	110188	49.424	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	169595	50.268	ug/l	100
10) Methyl Iodide	3.93	142	225954	51.454	ug/l	100
11) Tert butyl alcohol	4.75	59	167246	247.578	ug/l	100
12) 1,1-Dichloroethene	3.71	96	167345	50.648	ug/l	100
13) Acrolein	3.58	56	177489	269.154	ug/l	100
14) Allyl chloride	4.29	41	309190	50.456	ug/l	100
15) Acrylonitrile	4.95	53	471141	250.291	ug/l	100
16) Acetone	3.79	43	493454	265.624	ug/l	100
17) Carbon Disulfide	4.03	76	538430	47.487	ug/l	100
18) Methyl Acetate	4.29	43	235998	46.650	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	541301	50.840	ug/l	100
20) Methylene Chloride	4.52	84	184849	48.970	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	181073	50.300	ug/l	100
22) Diisopropyl ether	5.92	45	586313	51.487	ug/l	100
23) Vinyl Acetate	5.86	43	2400103	261.247	ug/l	100
24) 1,1-Dichloroethane	5.82	63	332129	50.691	ug/l	100
25) 2-Butanone	6.81	43	650113	254.383	ug/l	100
26) 2,2-Dichloropropane	6.80	77	281116	50.416	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	200069	50.816	ug/l	100
28) Bromochloromethane	7.17	49	141203	62.372	ug/l	100
29) Tetrahydrofuran	7.18	42	416515	245.051	ug/l	100
30) Chloroform	7.35	83	314174	47.651	ug/l	100
31) Cyclohexane	7.63	56	316058	48.119	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	273704	50.763	ug/l	100
36) 1,1-Dichloropropene	7.77	75	253003	50.998	ug/l	100
37) Ethyl Acetate	6.90	43	254252	48.440	ug/l	100
38) Carbon Tetrachloride	7.75	117	239864	51.232	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	311546	52.491	ug/l	100
40) Benzene	8.02	78	747156	50.723	ug/l	100
41) Methacrylonitrile	7.16	41	133766m	53.976	ug/l	
42) 1,2-Dichloroethane	8.10	62	239154	51.202	ug/l	100
43) Isopropyl Acetate	8.14	43	403862	50.648	ug/l	100
44) Trichloroethene	8.82	130	192885	51.355	ug/l	100
45) 1,2-Dichloropropane	9.10	63	198636	51.555	ug/l	100
46) Dibromomethane	9.19	93	121749	51.205	ug/l	100
47) Bromodichloromethane	9.39	83	245506	51.051	ug/l	100
48) Methyl methacrylate	9.18	41	178715	50.518	ug/l	100
49) 1,4-Dioxane	9.19	88	61754	1195.220	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	1205566	260.654	ug/l	100
52) Toluene	10.15	92	455331	51.741	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	289046	52.308	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	317863	53.286	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	174701	50.719	ug/l	100
56) Ethyl methacrylate	10.42	69	271848	54.107	ug/l	100
57) 1,3-Dichloropropane	10.70	76	305138	51.255	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	484665	328.397	ug/l	100
59) 2-Hexanone	10.75	43	907028	264.467	ug/l	100
60) Dibromochloromethane	10.90	129	191160	53.166	ug/l	100
61) 1,2-Dibromoethane	11.00	107	181985	51.559	ug/l	100
64) Tetrachloroethene	10.63	164	176731	51.448	ug/l	100
65) Chlorobenzene	11.43	112	475147	50.537	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	174083	51.057	ug/l	100
67) Ethyl Benzene	11.51	91	860955	52.134	ug/l	100
68) m/p-Xylenes	11.62	106	642779	104.249	ug/l	100
69) o-Xylene	11.95	106	309337	52.313	ug/l	100
70) Styrene	11.96	104	502204	54.174	ug/l	100
71) Bromoform	12.13	173	135893	52.343	ug/l #	100
73) Isopropylbenzene	12.25	105	827944	50.600	ug/l	100
74) N-amyl acetate	12.07	43	321934	52.319	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	254776	47.747	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	232939m	45.655	ug/l	
77) Bromobenzene	12.53	156	199379	49.771	ug/l	100
78) n-propylbenzene	12.59	91	969016	51.392	ug/l	100
79) 2-Chlorotoluene	12.68	91	564806	50.103	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	701736	51.020	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	95135	48.922	ug/l	100
82) 4-Chlorotoluene	12.78	91	580572	50.006	ug/l	100
83) tert-Butylbenzene	13.00	119	587250	49.724	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	696378	51.685	ug/l	100
85) sec-Butylbenzene	13.17	105	804179	51.275	ug/l	100
86) p-Isopropyltoluene	13.29	119	727176	51.287	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	355092	50.017	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	351585	49.327	ug/l	100
89) n-Butylbenzene	13.62	91	637114	51.404	ug/l	100
90) Hexachloroethane	13.88	117	131301	48.451	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	344531	49.527	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	49792	41.090	ug/l	100

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93) 1,2,4-Trichlorobenzene	14.91	180	207391	47.961	ug/l	100
94) Hexachlorobutadiene	15.01	225	124534	46.993	ug/l	100
95) Naphthalene	15.13	128	515621	42.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	203630	44.209	ug/l	100

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

