

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121019\
 Data File : VN059551.D
 Acq On : 10 Dec 2019 16:38
 Operator : JC/SP
 Sample : VN1210WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:16:00 PM

Quant Time: Dec 11 06:58:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	251175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	414884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	381617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	182547	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	184996	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
35) Dibromofluoromethane	7.57	113	132316	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
50) Toluene-d8	10.08	98	508497	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	185536	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	58086	20.050	ug/l	97
3) Chloromethane	2.04	50	93511	21.323	ug/l	99
4) Vinyl Chloride	2.17	62	92709	21.448	ug/l	99
5) Bromomethane	2.55	94	53915	20.478	ug/l	99
6) Chloroethane	2.68	64	52131	20.197	ug/l	96
7) Trichlorofluoromethane	3.00	101	111683	21.614	ug/l	98
8) Diethyl Ether	3.39	74	33952	19.173	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	53034	19.721	ug/l	98
10) Methyl Iodide	3.93	142	70626	19.396	ug/l	99
11) Tert butyl alcohol	4.75	59	61591	106.052	ug/l	99
12) 1,1-Dichloroethene	3.72	96	50162	19.188	ug/l	96
13) Acrolein	3.58	56	42892	151.768	ug/l	97
14) Allyl chloride	4.30	41	101248	20.133	ug/l	98
15) Acrylonitrile	4.96	53	158751	103.641	ug/l	99
16) Acetone	3.79	43	149272	91.026	ug/l	98
17) Carbon Disulfide	4.03	76	163561	19.411	ug/l	100
18) Methyl Acetate	4.30	43	86974	20.201	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	182706	21.025	ug/l	100
20) Methylene Chloride	4.52	84	62075	20.846	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	57056	20.334	ug/l	97
22) Diisopropyl ether	5.93	45	200140	20.905	ug/l	99
23) Vinyl Acetate	5.87	43	860314	107.727	ug/l	100
24) 1,1-Dichloroethane	5.82	63	113303	20.845	ug/l	100
25) 2-Butanone	6.81	43	229123	103.800	ug/l	98
26) 2,2-Dichloropropane	6.80	77	98378	20.034	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	65377	20.715	ug/l	99
28) Bromochloromethane	7.17	49	46440	24.094	ug/l	99
29) Tetrahydrofuran	7.19	42	155482	101.265	ug/l	99
30) Chloroform	7.35	83	110134	20.530	ug/l	100
31) Cyclohexane	7.64	56	103024	19.476	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	99512	20.910	ug/l	99
36) 1,1-Dichloropropene	7.77	75	84331	19.812	ug/l	99
37) Ethyl Acetate	6.91	43	95963	20.276	ug/l	96
38) Carbon Tetrachloride	7.75	117	87391	20.829	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	103714	21.722	ug/l	98
40) Benzene	8.02	78	246090	20.238	ug/l	98
41) Methacrylonitrile	7.15	41	31376m	15.168	ug/l	
42) 1,2-Dichloroethane	8.11	62	98076	21.648	ug/l	99
43) Isopropyl Acetate	8.15	43	151297	20.591	ug/l	98
44) Trichloroethene	8.82	130	61979	20.176	ug/l	97
45) 1,2-Dichloropropane	9.10	63	70317	21.829	ug/l	98
46) Dibromomethane	9.19	93	42734	20.074	ug/l	99
47) Bromodichloromethane	9.39	83	87648	20.716	ug/l	98
48) Methyl methacrylate	9.19	41	66276	20.629	ug/l	99
49) 1,4-Dioxane	9.19	88	19823	482.245	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	465728	99.269	ug/l	99
52) Toluene	10.15	92	149584	20.646	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	98955	20.074	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	105475	20.906	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	59466	20.294	ug/l	98
56) Ethyl methacrylate	10.42	69	86010	18.442	ug/l	100
57) 1,3-Dichloropropane	10.70	76	104287	20.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	143076	119.190	ug/l	100
59) 2-Hexanone	10.75	43	341413	97.110	ug/l	100
60) Dibromochloromethane	10.90	129	64284	19.044	ug/l	100
61) 1,2-Dibromoethane	11.00	107	68483	22.450	ug/l	99
64) Tetrachloroethene	10.63	164	52316	18.758	ug/l	98
65) Chlorobenzene	11.43	112	158441	19.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	60121	20.159	ug/l	98
67) Ethyl Benzene	11.51	91	283212	19.683	ug/l	100
68) m/p-Xylenes	11.62	106	209390	38.792	ug/l	95
69) o-Xylene	11.95	106	100030	19.910	ug/l	95
70) Styrene	11.96	104	158910	19.092	ug/l	98
71) Bromoform	12.13	173	45724	19.486	ug/l #	98
73) Isopropylbenzene	12.25	105	271536	19.830	ug/l	99
74) N-amyl acetate	12.07	43	120332	20.174	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	92174	19.866	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	85654m	18.348	ug/l	
77) Bromobenzene	12.53	156	64672	18.971	ug/l	92
78) n-propylbenzene	12.59	91	326239	19.389	ug/l	98
79) 2-Chlorotoluene	12.67	91	190627	18.999	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	230954	19.669	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	31792	18.323	ug/l #	85
82) 4-Chlorotoluene	12.77	91	200316	19.525	ug/l	98
83) tert-Butylbenzene	12.99	119	195869	20.003	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	228723	19.727	ug/l	99
85) sec-Butylbenzene	13.17	105	265718	19.757	ug/l	99
86) p-Isopropyltoluene	13.29	119	240883	20.039	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	119735	19.069	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	118770	19.318	ug/l	98
89) n-Butylbenzene	13.62	91	222274	19.693	ug/l	98
90) Hexachloroethane	13.88	117	45218	20.483	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	117214	19.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21624	21.559	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	72377	17.759	ug/l	99
94) Hexachlorobutadiene	15.01	225	38701	18.588	ug/l	98
95) Naphthalene	15.13	128	206567	17.339	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	69985	19.190	ug/l	98

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

