

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059430.D
 Acq On : 27 Nov 2019 18:48
 Operator : JC/SP
 Sample : VN1127WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 29 03:13:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	354217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	555683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	497171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	225935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	205940	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	7.57	113	166456	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	10.08	98	667025	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	231429	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	89630	21.499	ug/l	99
3) Chloromethane	2.04	50	106237	20.861	ug/l	100
4) Vinyl Chloride	2.17	62	100804	20.599	ug/l	100
5) Bromomethane	2.55	94	60843	20.650	ug/l	100
6) Chloroethane	2.68	64	56747	20.682	ug/l	94
7) Trichlorofluoromethane	3.00	101	121834	20.902	ug/l	97
8) Diethyl Ether	3.39	74	48745	20.548	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	73672	20.522	ug/l	99
10) Methyl Iodide	3.93	142	90966	19.468	ug/l	99
11) Tert butyl alcohol	4.76	59	79905	111.164	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	73270	20.841	ug/l	96
13) Acrolein	3.58	56	60066	85.604	ug/l	98
14) Allyl chloride	4.30	41	131720	20.201	ug/l	98
15) Acrylonitrile	4.96	53	218320	108.999	ug/l	100
16) Acetone	3.79	43	237072	119.932	ug/l	99
17) Carbon Disulfide	4.03	76	230352	19.093	ug/l	99
18) Methyl Acetate	4.30	43	111635	20.738	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	238533	21.055	ug/l	100
20) Methylene Chloride	4.52	84	83327	20.746	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	77791	20.309	ug/l	99
22) Diisopropyl ether	5.92	45	252454	20.835	ug/l	94
23) Vinyl Acetate	5.87	43	1054225	107.843	ug/l	100
24) 1,1-Dichloroethane	5.82	63	145490	20.869	ug/l	99
25) 2-Butanone	6.81	43	311282	114.469	ug/l	100
26) 2,2-Dichloropropane	6.80	77	121859	20.539	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	85734	20.465	ug/l	99
28) Bromochloromethane	7.18	49	53419	18.734	ug/l	98
29) Tetrahydrofuran	7.19	42	199608	110.367	ug/l	100
30) Chloroform	7.35	83	137412	19.587	ug/l	100
31) Cyclohexane	7.63	56	140946	20.167	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	117888	20.548	ug/l	98
36) 1,1-Dichloropropene	7.77	75	108800	20.360	ug/l	100
37) Ethyl Acetate	6.90	43	122039	21.586	ug/l	98
38) Carbon Tetrachloride	7.76	117	103764	20.576	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	132652	20.750	ug/l	100
40) Benzene	8.02	78	326406	20.572	ug/l	99
41) Methacrylonitrile	7.16	41	47900m	18.195	ug/l	
42) 1,2-Dichloroethane	8.11	62	104752	20.821	ug/l	100
43) Isopropyl Acetate	8.15	43	180935	21.066	ug/l	99
44) Trichloroethene	8.82	130	83774	20.707	ug/l	100
45) 1,2-Dichloropropane	9.11	63	85180	20.525	ug/l	97
46) Dibromomethane	9.20	93	53017	20.701	ug/l	99
47) Bromodichloromethane	9.39	83	104279	20.131	ug/l	99
48) Methyl methacrylate	9.19	41	79019	20.737	ug/l	99
49) 1,4-Dioxane	9.19	88	25701	461.810	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	565001	113.411	ug/l	99
52) Toluene	10.15	92	196068	20.685	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	121868	20.475	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	132945	20.691	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	76197	20.537	ug/l	99
56) Ethyl methacrylate	10.42	69	112913	22.405	ug/l	99
57) 1,3-Dichloropropane	10.70	76	129985	20.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	205150	129.051	ug/l	99
59) 2-Hexanone	10.75	43	424011	114.778	ug/l	99
60) Dibromochloromethane	10.90	129	79762	20.595	ug/l	97
61) 1,2-Dibromoethane	11.00	107	79348	20.871	ug/l	99
64) Tetrachloroethene	10.63	164	76519	20.808	ug/l	97
65) Chlorobenzene	11.43	112	204512	20.319	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	74391	20.381	ug/l	99
67) Ethyl Benzene	11.51	91	366304	20.720	ug/l	100
68) m/p-Xylenes	11.62	106	273856	41.490	ug/l	100
69) o-Xylene	11.95	106	130036	20.542	ug/l	98
70) Styrene	11.96	104	206304	22.053	ug/l	99
71) Bromoform	12.13	173	57011	20.513	ug/l #	98
73) Isopropylbenzene	12.25	105	351565	21.004	ug/l	100
74) N-amyl acetate	12.07	43	135675	23.540	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	115237	21.112	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	115235m	22.545	ug/l	
77) Bromobenzene	12.53	156	84634	20.653	ug/l	99
78) n-propylbenzene	12.59	91	403756	20.933	ug/l	100
79) 2-Chlorotoluene	12.68	91	240864	20.888	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	296141	21.049	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	40885	20.553	ug/l	97
82) 4-Chlorotoluene	12.78	91	243414	20.516	ug/l	100
83) tert-Butylbenzene	13.00	119	251523	20.820	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	291197	21.128	ug/l	99
85) sec-Butylbenzene	13.17	105	338860	21.122	ug/l	100
86) p-Isopropyltoluene	13.29	119	306797	21.153	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	149020	20.520	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	146506	20.094	ug/l	98
89) n-Butylbenzene	13.62	91	250878	19.788	ug/l	100
90) Hexachloroethane	13.88	117	55536	20.034	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	145718	20.478	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23991	25.695	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	81474	18.419	ug/l	99
94) Hexachlorobutadiene	15.01	225	52718	19.447	ug/l	99
95) Naphthalene	15.13	128	210741	22.808	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	81288	22.217	ug/l	98

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

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