

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072920\
 Data File : VN062647.D
 Acq On : 29 Jul 2020 12:14
 Operator : JC/MD
 Sample : VN0729WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:21:05 PM

Quant Time: Jul 30 03:45:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	145566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	230767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	216734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	112221	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
35) Dibromofluoromethane	7.54	113	74605	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	10.06	98	287963	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	104785	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32235	18.565	ug/l	95
3) Chloromethane	2.04	50	35898	15.243	ug/l	96
4) Vinyl Chloride	2.16	62	33697	16.506	ug/l	99
5) Bromomethane	2.52	94	20948	23.166	ug/l	97
6) Chloroethane	2.66	64	20780	22.502	ug/l	100
7) Trichlorofluoromethane	2.98	101	55698	23.237	ug/l	97
8) Diethyl Ether	3.37	74	19330	17.245	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29603	19.262	ug/l	99
10) Methyl Iodide	3.91	142	33464	17.032	ug/l	95
11) Tert butyl alcohol	4.73	59	31906	88.695	ug/l	98
12) 1,1-Dichloroethene	3.70	96	27205	17.454	ug/l	90
13) Acrolein	3.57	56	23840	69.839	ug/l	94
14) Allyl chloride	4.27	41	51226	15.194	ug/l	91
15) Acrylonitrile	4.93	53	80485	83.532	ug/l	98
16) Acetone	3.77	43	73365	86.216	ug/l	99
17) Carbon Disulfide	4.00	76	80496	15.718	ug/l	99
18) Methyl Acetate	4.28	43	39274	18.231	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	103285	18.004	ug/l	98
20) Methylene Chloride	4.50	84	33089	16.213	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	29033	16.783	ug/l	94
22) Diisopropyl ether	5.90	45	106160	15.841	ug/l	93
23) Vinyl Acetate	5.84	43	446679	81.345	ug/l	97
24) 1,1-Dichloroethane	5.80	63	60519	16.770	ug/l	99
25) 2-Butanone	6.79	43	105461	81.377	ug/l	95
26) 2,2-Dichloropropane	6.78	77	56435	19.050	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	33020	16.728	ug/l	96
28) Bromochloromethane	7.15	49	29051	16.357	ug/l	89
29) Tetrahydrofuran	7.17	42	70177	80.027	ug/l	94
30) Chloroform	7.33	83	63244	18.432	ug/l	98
31) Cyclohexane	7.61	56	52147	15.650	ug/l #	88
32) 1,1,1-Trichloroethane	7.53	97	57280	19.995	ug/l	98
36) 1,1-Dichloropropene	7.75	75	45470	18.486	ug/l	98
37) Ethyl Acetate	6.88	43	44396	16.744	ug/l	99
38) Carbon Tetrachloride	7.73	117	50212	21.237	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48153	18.186	ug/l	98
40) Benzene	8.00	78	131913	17.714	ug/l	99
41) Methacrylonitrile	7.13	41	20312	17.875	ug/l #	90
42) 1,2-Dichloroethane	8.09	62	56827	20.873	ug/l	97
43) Isopropyl Acetate	8.12	43	73837	17.274	ug/l	99
44) Trichloroethene	8.80	130	31041	18.484	ug/l	99
45) 1,2-Dichloropropane	9.09	63	36708	17.557	ug/l	96
46) Dibromomethane	9.17	93	22841	18.901	ug/l	99
47) Bromodichloromethane	9.37	83	50734	19.379	ug/l	98
48) Methyl methacrylate	9.17	41	35897	17.667	ug/l	97
49) 1,4-Dioxane	9.17	88	11466	367.414	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	222956	87.177	ug/l	98
52) Toluene	10.12	92	78774	18.217	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	56074	19.240	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	58557	18.724	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	32112	19.145	ug/l	95
56) Ethyl methacrylate	10.40	69	47858	17.097	ug/l	97
57) 1,3-Dichloropropane	10.68	76	56532	18.398	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	74222	93.003	ug/l	97
59) 2-Hexanone	10.72	43	161689	83.739	ug/l	100
60) Dibromochloromethane	10.87	129	36727	19.628	ug/l	98
61) 1,2-Dibromoethane	10.98	107	32889	18.831	ug/l	100
64) Tetrachloroethene	10.60	164	26520	18.833	ug/l	96
65) Chlorobenzene	11.41	112	84581	18.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	33526	19.614	ug/l	97
67) Ethyl Benzene	11.48	91	152262	18.277	ug/l	99
68) m/p-Xylenes	11.59	106	111553	37.254	ug/l	97
69) o-Xylene	11.92	106	52340	18.407	ug/l	97
70) Styrene	11.94	104	90439	18.829	ug/l	98
71) Bromoform	12.10	173	25497	19.867	ug/l #	96
73) Isopropylbenzene	12.22	105	146764	18.674	ug/l	99
74) N-amyl acetate	12.04	43	59308	16.898	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	47229	17.293	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	46746m	18.477	ug/l	
77) Bromobenzene	12.50	156	34581	18.309	ug/l	97
78) n-propylbenzene	12.56	91	168845	18.341	ug/l	98
79) 2-Chlorotoluene	12.65	91	103972	18.326	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	128999	19.787	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	15231	16.759	ug/l	85
82) 4-Chlorotoluene	12.75	91	109526	18.547	ug/l	99
83) tert-Butylbenzene	12.97	119	106818	19.732	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	123616	19.329	ug/l	100
85) sec-Butylbenzene	13.15	105	141930	19.584	ug/l	99
86) p-Isopropyltoluene	13.26	119	125658	20.159	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	62693	18.915	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	61439	18.830	ug/l	98
89) n-Butylbenzene	13.59	91	100468	18.759	ug/l	99
90) Hexachloroethane	13.85	117	24048	18.123	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	59954	18.917	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10197	20.564	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	27106	18.361	ug/l	97
94) Hexachlorobutadiene	14.98	225	20080	23.187	ug/l	97
95) Naphthalene	15.10	128	69325	18.265	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	27125	18.162	ug/l	100

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

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