

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064368.D
 Acq On : 29 Oct 2020 12:59
 Operator : JC/MD
 Sample : VN1029WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 1:35:31 PM

Quant Time: Oct 30 06:44:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	249436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	364398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166522	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	197026	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	7.55	113	135515	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.06	98	474547	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	12.38	95	181450	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	50456	17.597	ug/l	100
3) Chloromethane	2.04	50	55044	17.759	ug/l	98
4) Vinyl Chloride	2.16	62	55238	18.425	ug/l	99
5) Bromomethane	2.53	94	32524	16.789	ug/l	96
6) Chloroethane	2.67	64	33434	18.663	ug/l	91
7) Trichlorofluoromethane	2.98	101	93393	18.595	ug/l	99
8) Diethyl Ether	3.37	74	28876	18.174	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45766	18.130	ug/l	98
10) Methyl Iodide	3.91	142	50131	14.882	ug/l #	96
11) Tert butyl alcohol	4.73	59	53770	92.407	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	42824	17.970	ug/l	97
13) Acrolein	3.56	56	9017	84.038	ug/l	99
14) Allyl chloride	4.28	41	89091	18.309	ug/l	97
15) Acrylonitrile	4.93	53	121899	97.416	ug/l	98
16) Acetone	3.78	43	127288	88.396	ug/l	98
17) Carbon Disulfide	4.01	76	119800	16.991	ug/l	98
18) Methyl Acetate	4.28	43	56808	18.866	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	178039	19.445	ug/l	99
20) Methylene Chloride	4.50	84	53525	18.829	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	48176	18.122	ug/l	94
22) Diisopropyl ether	5.90	45	177478	18.660	ug/l	98
23) Vinyl Acetate	5.84	43	784020	97.435	ug/l	98
24) 1,1-Dichloroethane	5.79	63	99906	18.772	ug/l	97
25) 2-Butanone	6.78	43	183566	91.207	ug/l	100
26) 2,2-Dichloropropane	6.78	77	93607	17.971	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	56710	18.640	ug/l	98
28) Bromochloromethane	7.15	49	44554	17.571	ug/l	100
29) Tetrahydrofuran	7.16	42	113235	86.665	ug/l	96
30) Chloroform	7.33	83	104490	18.394	ug/l	97
31) Cyclohexane	7.61	56	76674	16.481	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	100650	18.451	ug/l	99
36) 1,1-Dichloropropene	7.75	75	73411	17.946	ug/l	99
37) Ethyl Acetate	6.88	43	80337	19.442	ug/l #	87
38) Carbon Tetrachloride	7.73	117	88914	18.748	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	60867	15.006	ug/l	99
40) Benzene	8.00	78	207080	18.186	ug/l	100
41) Methacrylonitrile	7.13	41	40818	19.900	ug/l #	81
42) 1,2-Dichloroethane	8.08	62	96302	19.579	ug/l	100
43) Isopropyl Acetate	8.13	43	137129	19.414	ug/l #	91
44) Trichloroethene	8.80	130	56683	19.003	ug/l	96
45) 1,2-Dichloropropane	9.08	63	57906	18.991	ug/l	94
46) Dibromomethane	9.17	93	40873	19.161	ug/l	98
47) Bromodichloromethane	9.37	83	86430	18.283	ug/l	95
48) Methyl methacrylate	9.16	41	69615	19.103	ug/l	95
49) 1,4-Dioxane	9.16	88	19434	361.804	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	397864	96.902	ug/l	99
52) Toluene	10.12	92	130426	18.152	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	93759	18.757	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	96997	18.851	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	53994	19.037	ug/l	94
56) Ethyl methacrylate	10.40	69	81118	18.894	ug/l	97
57) 1,3-Dichloropropane	10.68	76	94159	19.462	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	204402	87.244	ug/l	99
59) 2-Hexanone	10.72	43	279285	92.358	ug/l	100
60) Dibromochloromethane	10.87	129	63700	18.995	ug/l	95
61) 1,2-Dibromoethane	10.97	107	56659	19.606	ug/l	95
64) Tetrachloroethene	10.60	164	54752	18.281	ug/l	98
65) Chlorobenzene	11.41	112	144136	19.511	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	56195	18.820	ug/l	99
67) Ethyl Benzene	11.48	91	248363	18.083	ug/l	100
68) m/p-Xylenes	11.60	106	187492	36.836	ug/l	99
69) o-Xylene	11.92	106	90425	18.440	ug/l	96
70) Styrene	11.94	104	153040	19.035	ug/l	97
71) Bromoform	12.10	173	44590	19.027	ug/l #	95
73) Isopropylbenzene	12.22	105	236678	18.977	ug/l	97
74) N-amyl acetate	12.04	43	114363	20.832	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	73262	20.209	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	72081m	18.076	ug/l	
77) Bromobenzene	12.50	156	59879	19.606	ug/l	99
78) n-propylbenzene	12.56	91	252429	17.877	ug/l	99
79) 2-Chlorotoluene	12.65	91	164165	18.188	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	190095	18.013	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	27018	19.516	ug/l	94
82) 4-Chlorotoluene	12.75	91	175546	19.091	ug/l	99
83) tert-Butylbenzene	12.97	119	153037	17.672	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	200023	18.969	ug/l	98
85) sec-Butylbenzene	13.14	105	176736	15.771	ug/l	99
86) p-Isopropyltoluene	13.26	119	167832	16.624	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	100197	18.741	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	101345	18.611	ug/l	98
89) n-Butylbenzene	13.59	91	136600	15.359	ug/l	99
90) Hexachloroethane	13.85	117	31049	16.376	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	102309	19.247	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18026	20.039	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	44943	16.136	ug/l	95
94) Hexachlorobutadiene	14.98	225	23567	14.448	ug/l	96
95) Naphthalene	15.10	128	150791	17.644	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	43001	16.148	ug/l	92

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

