

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064329.D
 Acq On : 27 Oct 2020 16:28
 Operator : JC/MD
 Sample : VN1027WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:36:09 PM

Quant Time: Oct 28 04:38:38 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	247433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	400676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	366158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169282	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	194263	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	7.55	113	135289	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.06	98	475493	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.38	95	186266	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52302	18.389	ug/l	96
3) Chloromethane	2.04	50	56058	18.233	ug/l	95
4) Vinyl Chloride	2.16	62	54681	18.387	ug/l	98
5) Bromomethane	2.53	94	37404	19.465	ug/l	93
6) Chloroethane	2.67	64	33542	18.875	ug/l	91
7) Trichlorofluoromethane	2.98	101	95767	19.222	ug/l	98
8) Diethyl Ether	3.37	74	28767	18.252	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46674	18.639	ug/l	97
10) Methyl Iodide	3.91	142	58047	17.371	ug/l	100
11) Tert butyl alcohol	4.74	59	49372	85.536	ug/l	97
12) 1,1-Dichloroethene	3.69	96	44247	18.718	ug/l	93
13) Acrolein	3.57	56	12263	108.657	ug/l	87
14) Allyl chloride	4.28	41	89043	18.447	ug/l	93
15) Acrylonitrile	4.93	53	116876	94.158	ug/l	99
16) Acetone	3.78	43	116440	80.928	ug/l	98
17) Carbon Disulfide	4.01	76	123156	17.609	ug/l	96
18) Methyl Acetate	4.28	43	53573	17.936	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	167774	18.472	ug/l	98
20) Methylene Chloride	4.51	84	51964m	18.427	ug/l	
21) trans-1,2-Dichloroethene	4.99	96	49145	18.636	ug/l #	88
22) Diisopropyl ether	5.90	45	179079	18.981	ug/l	94
23) Vinyl Acetate	5.84	43	758830	95.068	ug/l	98
24) 1,1-Dichloroethane	5.80	63	99253	18.800	ug/l	97
25) 2-Butanone	6.79	43	170014	85.158	ug/l	98
26) 2,2-Dichloropropane	6.78	77	93377	18.072	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	56284	18.650	ug/l	98
28) Bromochloromethane	7.15	49	43911	17.457	ug/l	96
29) Tetrahydrofuran	7.16	42	115637	89.220	ug/l	99
30) Chloroform	7.33	83	104772	18.593	ug/l	99
31) Cyclohexane	7.61	56	87508	18.963	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	99264	18.344	ug/l	98
36) 1,1-Dichloropropene	7.75	75	75908	18.772	ug/l	98
37) Ethyl Acetate	6.88	43	69180	16.937	ug/l	98
38) Carbon Tetrachloride	7.74	117	91637	19.547	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	74802	18.656	ug/l	96
40) Benzene	8.00	78	211606	18.800	ug/l	99
41) Methacrylonitrile	7.14	41	38968m	19.219	ug/l	
42) 1,2-Dichloroethane	8.09	62	93615	19.253	ug/l	100
43) Isopropyl Acetate	8.13	43	130230	18.651	ug/l #	93
44) Trichloroethene	8.80	130	57888	19.632	ug/l	95
45) 1,2-Dichloropropane	9.09	63	56587	18.774	ug/l	98
46) Dibromomethane	9.17	93	40796	19.347	ug/l	98
47) Bromodichloromethane	9.37	83	85754	18.351	ug/l	98
48) Methyl methacrylate	9.16	41	64615	17.937	ug/l	98
49) 1,4-Dioxane	9.17	88	18933	356.572	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	370018	91.167	ug/l	100
52) Toluene	10.12	92	132196	18.612	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	91443	18.507	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	98997	19.463	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	52936	18.881	ug/l	98
56) Ethyl methacrylate	10.40	69	80076	18.868	ug/l	97
57) 1,3-Dichloropropane	10.68	76	91493	19.130	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	192683	83.198	ug/l	99
59) 2-Hexanone	10.72	43	269761	90.245	ug/l	98
60) Dibromochloromethane	10.87	129	62921	18.981	ug/l	99
61) 1,2-Dibromoethane	10.97	107	56588	19.809	ug/l	100
64) Tetrachloroethene	10.60	164	56550	18.791	ug/l	97
65) Chlorobenzene	11.41	112	142572	19.206	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	55852	18.615	ug/l	94
67) Ethyl Benzene	11.48	91	264658	19.177	ug/l	98
68) m/p-Xylenes	11.59	106	191967	37.534	ug/l	98
69) o-Xylene	11.92	106	91450	18.560	ug/l	96
70) Styrene	11.94	104	153636	19.017	ug/l	99
71) Bromoform	12.10	173	41804	17.752	ug/l #	97
73) Isopropylbenzene	12.22	105	244403	19.277	ug/l	99
74) N-amyl acetate	12.05	43	104418	18.711	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	70514	19.133	ug/l	95
76) 1,2,3-Trichloropropane	12.52	75	75948m	18.735	ug/l	
77) Bromobenzene	12.50	156	59637	19.209	ug/l	99
78) n-propylbenzene	12.57	91	276176	19.240	ug/l	99
79) 2-Chlorotoluene	12.65	91	176439	19.229	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	210629	19.633	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	25548	18.154	ug/l	92
82) 4-Chlorotoluene	12.75	91	183834	19.666	ug/l	99
83) tert-Butylbenzene	12.97	119	170601	19.379	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	204710	19.097	ug/l	100
85) sec-Butylbenzene	13.14	105	218357	19.167	ug/l	99
86) p-Isopropyltoluene	13.26	119	198224	19.314	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	103359	19.017	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	100727	18.196	ug/l	99
89) n-Butylbenzene	13.59	91	166303	18.394	ug/l	99
90) Hexachloroethane	13.85	117	34598	17.950	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	100576	18.613	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17455	19.088	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54472	18.850	ug/l	98
94) Hexachlorobutadiene	14.98	225	30533	18.413	ug/l	99
95) Naphthalene	15.10	128	156120	17.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	50171	18.211	ug/l	94

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

