

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
 Data File : VN064165.D
 Acq On : 16 Oct 2020 15:34
 Operator : JC/MD
 Sample : VN1016WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 4:22:23 PM

Quant Time: Oct 17 01:49:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	482813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	777695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	716232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	321383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	362970	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
35) Dibromofluoromethane	7.55	113	271859	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.06	98	1039699	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.38	95	338384	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	91283	20.067	ug/l	98
3) Chloromethane	2.03	50	121184	21.388	ug/l	100
4) Vinyl Chloride	2.16	62	131776	18.685	ug/l	99
5) Bromomethane	2.54	94	93560	17.678	ug/l	99
6) Chloroethane	2.68	64	91774	16.368	ug/l	93
7) Trichlorofluoromethane	2.99	101	179068	18.460	ug/l	98
8) Diethyl Ether	3.38	74	59147	19.490	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.72	101	98790	20.746	ug/l	98
10) Methyl Iodide	3.91	142	109036	16.242	ug/l	99
11) Tert butyl alcohol	4.75	59	81236	106.698	ug/l	99
12) 1,1-Dichloroethene	3.70	96	88389	18.381	ug/l	94
13) Acrolein	3.57	56	9877	15.794	ug/l	93
14) Allyl chloride	4.28	41	158793	21.164	ug/l	96
15) Acrylonitrile	4.94	53	232672	106.434	ug/l	100
16) Acetone	3.79	43	251369	123.243	ug/l	96
17) Carbon Disulfide	4.02	76	268919	19.566	ug/l	98
18) Methyl Acetate	4.28	43	116665	22.802	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	279054	19.674	ug/l	95
20) Methylene Chloride	4.51	84	117483	18.615	ug/l	92
21) trans-1,2-Dichloroethene	5.00	96	102005	18.710	ug/l	94
22) Diisopropyl ether	5.90	45	328663	22.549	ug/l	88
23) Vinyl Acetate	5.85	43	1451276	111.467	ug/l	95
24) 1,1-Dichloroethane	5.80	63	208230	20.457	ug/l	99
25) 2-Butanone	6.79	43	362469	115.541	ug/l	96
26) 2,2-Dichloropropane	6.78	77	171288	20.227	ug/l	97
27) cis-1,2-Dichloroethene	6.79	96	117291	18.288	ug/l	93
28) Bromochloromethane	7.15	49	112338	23.171	ug/l #	98
29) Tetrahydrofuran	7.17	42	209949	114.509	ug/l	90
30) Chloroform	7.33	83	208810	19.256	ug/l	100
31) Cyclohexane	7.62	56	149537	19.672	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	180068	19.217	ug/l	97
36) 1,1-Dichloropropene	7.76	75	152969	20.407	ug/l	98
37) Ethyl Acetate	6.89	43	142836	21.471	ug/l	98
38) Carbon Tetrachloride	7.74	117	155987	19.352	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	125672	19.942	ug/l	91
40) Benzene	8.01	78	459037	20.222	ug/l	100
41) Methacrylonitrile	7.13	41	63895	22.185	ug/l #	71
42) 1,2-Dichloroethane	8.09	62	173029	21.423	ug/l	99
43) Isopropyl Acetate	8.13	43	241734	21.898	ug/l #	88
44) Trichloroethene	8.80	130	116319	19.487	ug/l	96
45) 1,2-Dichloropropane	9.09	63	128381	21.586	ug/l	98
46) Dibromomethane	9.18	93	82583	19.572	ug/l	96
47) Bromodichloromethane	9.37	83	169328	20.511	ug/l	99
48) Methyl methacrylate	9.17	41	116274	22.802	ug/l	94
49) 1,4-Dioxane	9.17	88	31529	407.190	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	765329	117.161	ug/l	96
52) Toluene	10.13	92	280885	20.138	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	173274	20.457	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	191630	20.590	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	112467	19.464	ug/l	98
56) Ethyl methacrylate	10.40	69	146801	19.027	ug/l	89
57) 1,3-Dichloropropane	10.68	76	191706	20.146	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	420411	106.129	ug/l	96
59) 2-Hexanone	10.72	43	548422	112.483	ug/l	94
60) Dibromochloromethane	10.87	129	119008	18.335	ug/l	98
61) 1,2-Dibromoethane	10.98	107	112665	19.156	ug/l	99
64) Tetrachloroethene	10.60	164	105861	19.604	ug/l	97
65) Chlorobenzene	11.41	112	292305	19.380	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	110011	19.211	ug/l	99
67) Ethyl Benzene	11.49	91	503393	19.924	ug/l	99
68) m/p-Xylenes	11.60	106	381014	37.971	ug/l	98
69) o-Xylene	11.92	106	173923	18.481	ug/l	98
70) Styrene	11.94	104	297952	18.667	ug/l	98
71) Bromoform	12.10	173	79598	18.261	ug/l #	98
73) Isopropylbenzene	12.23	105	456455	19.608	ug/l	100
74) N-amyl acetate	12.05	43	189566	21.744	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	155477	19.398	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	143572m	19.042	ug/l	
77) Bromobenzene	12.50	156	114511	18.119	ug/l	85
78) n-propylbenzene	12.57	91	537835	20.700	ug/l	98
79) 2-Chlorotoluene	12.65	91	323377	19.569	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	380385	20.357	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	50964	20.651	ug/l	93
82) 4-Chlorotoluene	12.75	91	338520	20.325	ug/l	99
83) tert-Butylbenzene	12.97	119	303025	19.609	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	384060	19.832	ug/l	98
85) sec-Butylbenzene	13.15	105	405186	20.396	ug/l	99
86) p-Isopropyltoluene	13.26	119	351423	19.117	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	202946	19.273	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	203007	18.849	ug/l	98
89) n-Butylbenzene	13.59	91	302135	20.872	ug/l	97
90) Hexachloroethane	13.85	117	63722	19.274	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	200606	19.141	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29205	18.932	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	87209	19.048	ug/l	99
94) Hexachlorobutadiene	14.98	225	51822	20.756	ug/l	96
95) Naphthalene	15.10	128	246656	18.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	88351	19.067	ug/l	96

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

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