

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052486.D
 Acq On : 27 Nov 2018 18:33
 Operator : MD\SY
 Sample : VN1127WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/28/2018 9:34:03 AM

Quant Time: Nov 28 06:52:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1051935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1654872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1439878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	626282	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	587064	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.59	113	526569	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	10.09	98	2015093	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.40	95	662899	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	190109	19.30	ug/l	97
3) Chloromethane	2.06	50	253820	19.52	ug/l	99
4) Vinyl Chloride	2.19	62	264411	19.80	ug/l	100
5) Bromomethane	2.58	94	156005	18.72	ug/l	99
6) Chloroethane	2.71	64	158663	19.61	ug/l	100
7) Trichlorofluoromethane	3.03	101	330897	20.17	ug/l	100
8) Diethyl Ether	3.41	74	124670	20.58	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	204134	19.94	ug/l	99
10) Methyl Iodide	3.96	142	274631	20.14	ug/l	99
11) Tert butyl alcohol	4.79	59	50956	88.87	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	199600	20.26	ug/l	97
13) Acrolein	3.61	56	86845	108.26	ug/l	98
14) Allyl chloride	4.33	41	343127	20.20	ug/l	99
15) Acrylonitrile	4.99	53	349384	96.26	ug/l	99
16) Acetone	3.82	43	252086	83.44	ug/l	99
17) Carbon Disulfide	4.06	76	588189	18.97	ug/l	100
18) Methyl Acetate	4.33	43	167951	19.38	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	530444	20.23	ug/l	100
20) Methylene Chloride	4.55	84	227452	19.24	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	212146	20.16	ug/l	93
22) Diisopropyl ether	5.95	45	726897	20.38	ug/l	99
23) Vinyl Acetate	5.90	43	2205822	99.27	ug/l	100
24) 1,1-Dichloroethane	5.85	63	414541	20.35	ug/l	100
25) 2-Butanone	6.83	43	384167	89.72	ug/l	98
26) 2,2-Dichloropropane	6.83	77	268140	19.02	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	245287	20.01	ug/l	99
28) Bromochloromethane	7.19	49	180937	19.45	ug/l	97
29) Tetrahydrofuran	7.21	42	260667	94.38	ug/l	99
30) Chloroform	7.37	83	402207	19.79	ug/l	98
31) Cyclohexane	7.66	56	399844	20.06	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	324562	20.16	ug/l	99
36) 1,1-Dichloropropene	7.79	75	308785	19.76	ug/l	99
37) Ethyl Acetate	6.93	43	176628	18.52	ug/l	99
38) Carbon Tetrachloride	7.77	117	277178	19.59	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	369628	19.46	ug/l	99
40) Benzene	8.04	78	939496	20.17	ug/l	100
41) Methacrylonitrile	7.17	41	93432	17.92	ug/l #	85
42) 1,2-Dichloroethane	8.12	62	280780	19.91	ug/l	99
43) Isopropyl Acetate	8.16	43	312293	19.35	ug/l #	88
44) Trichloroethene	8.84	130	238892	20.03	ug/l	97
45) 1,2-Dichloropropane	9.12	63	246184	19.88	ug/l	100
46) Dibromomethane	9.21	93	138032	20.14	ug/l	99
47) Bromodichloromethane	9.40	83	293101	19.67	ug/l	98
48) Methyl methacrylate	9.20	41	159692	18.98	ug/l	100
49) 1,4-Dioxane	9.20	88	33117	379.16	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	870821	96.16	ug/l	99
52) Toluene	10.16	92	565745	20.45	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	278488	19.42	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	342155	19.91	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	194076	19.94	ug/l	99
56) Ethyl methacrylate	10.43	69	238147	19.36	ug/l	100
57) 1,3-Dichloropropane	10.71	76	340987	19.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	672782	95.26	ug/l	100
59) 2-Hexanone	10.75	43	558246	91.85	ug/l	99
60) Dibromochloromethane	10.90	129	207021	19.58	ug/l	100
61) 1,2-Dibromoethane	11.01	107	189680	19.62	ug/l	100
64) Tetrachloroethene	10.63	164	225142	20.17	ug/l	99
65) Chlorobenzene	11.43	112	601314	20.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	206295	19.98	ug/l	99
67) Ethyl Benzene	11.51	91	1060364	20.39	ug/l	99
68) m/p-Xylenes	11.62	106	789844	40.81	ug/l	99
69) o-Xylene	11.95	106	386483	20.56	ug/l	99
70) Styrene	11.96	104	617092	20.61	ug/l	99
71) Bromoform	12.13	173	131217	19.20	ug/l #	100
73) Isopropylbenzene	12.25	105	1032214	21.01	ug/l	100
74) N-amyl acetate	12.07	43	239973	19.33	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	225859	20.21	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	188375m	19.51	ug/l	
77) Bromobenzene	12.53	156	250856	20.66	ug/l	98
78) n-propylbenzene	12.59	91	1155108	20.69	ug/l	99
79) 2-Chlorotoluene	12.68	91	692379	20.83	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	827893	21.13	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	52895	18.29	ug/l	95
82) 4-Chlorotoluene	12.77	91	680770	20.32	ug/l	99
83) tert-Butylbenzene	12.99	119	733900	21.01	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	824926	21.01	ug/l	99
85) sec-Butylbenzene	13.17	105	983366	20.67	ug/l	99
86) p-Isopropyltoluene	13.29	119	833067	20.55	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	428784	20.18	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	415977	19.88	ug/l	98
89) n-Butylbenzene	13.62	91	676094	20.06	ug/l	99
90) Hexachloroethane	13.88	117	135021	19.68	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	412084	20.30	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29848	18.67	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	181316	18.21	ug/l	99
94) Hexachlorobutadiene	15.01	225	131623	20.16	ug/l	99
95) Naphthalene	15.14	128	359848	17.64	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	170605	18.51	ug/l	100

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

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