

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056723.D
 Acq On : 15 Jul 2019 19:32
 Operator : JC/SP
 Sample : K3817-07MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW532-2126MSD

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:31:41 AM

Quant Time: Jul 16 05:16:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	346347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	534283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	483322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	188529	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	7.59	113	167058	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.09	98	643311	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	224317	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	149664	46.020	ug/l	99
3) Chloromethane	2.06	50	193903	44.347	ug/l	100
4) Vinyl Chloride	2.19	62	197711	46.956	ug/l	100
5) Bromomethane	2.56	94	120261	48.570	ug/l	97
6) Chloroethane	2.70	64	112425	45.821	ug/l	97
7) Trichlorofluoromethane	3.01	101	248764	46.044	ug/l	99
8) Diethyl Ether	3.41	74	100136	47.539	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	150725	46.435	ug/l	99
10) Methyl Iodide	3.95	142	208551	48.035	ug/l	100
11) Tert butyl alcohol	4.79	59	141692	222.198	ug/l	100
12) 1,1-Dichloroethene	3.74	96	153690	47.204	ug/l	99
13) Acrolein	3.61	56	55333	253.880	ug/l	98
14) Allyl chloride	4.32	41	263196	46.744	ug/l	98
15) Acrylonitrile	4.99	53	443027	240.575	ug/l	99
16) Acetone	3.82	43	348869	197.609	ug/l	99
17) Carbon Disulfide	4.05	76	408461	47.474	ug/l	100
18) Methyl Acetate	4.33	43	171354	43.081	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	494952	47.711	ug/l	99
20) Methylene Chloride	4.55	84	178780	46.339	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	168280	48.896	ug/l	98
22) Diisopropyl ether	5.96	45	538546	48.457	ug/l	99
23) Vinyl Acetate	5.90	43	2120246	235.421	ug/l	100
24) 1,1-Dichloroethane	5.85	63	307097	47.659	ug/l	99
25) 2-Butanone	6.84	43	579440	224.493	ug/l	99
26) 2,2-Dichloropropane	6.83	77	207432	44.646	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	193308	48.813	ug/l	99
28) Bromochloromethane	7.19	49	152014	50.176	ug/l	100
29) Tetrahydrofuran	7.21	42	403164	239.484	ug/l	99
30) Chloroform	7.37	83	300930	46.670	ug/l	99
31) Cyclohexane	7.65	56	289968	47.346	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	250264	49.077	ug/l	99
36) 1,1-Dichloropropene	7.79	75	233052	47.138	ug/l	99
37) Ethyl Acetate	6.93	43	222133	45.586	ug/l	99
38) Carbon Tetrachloride	7.78	117	218964	47.226	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	288333	47.231	ug/l	99
40) Benzene	8.04	78	718793	47.449	ug/l	100
41) Methacrylonitrile	7.18	41	95961m	44.832	ug/l	
42) 1,2-Dichloroethane	8.12	62	225193	47.035	ug/l	100
43) Isopropyl Acetate	8.17	43	357042	46.608	ug/l	100
44) Trichloroethene	8.83	130	192026	46.679	ug/l	99
45) 1,2-Dichloropropane	9.12	63	191631	47.607	ug/l	98
46) Dibromomethane	9.21	93	121514	48.713	ug/l	99
47) Bromodichloromethane	9.40	83	230046	48.531	ug/l	97
48) Methyl methacrylate	9.20	41	179844	48.545	ug/l	99
49) 1,4-Dioxane	9.20	88	60307	793.336	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1193674	240.583	ug/l	100
52) Toluene	10.16	92	443183	49.261	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	247676	50.081	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	280461	48.870	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	176930	46.888	ug/l	100
56) Ethyl methacrylate	10.43	69	275649	50.769	ug/l	99
57) 1,3-Dichloropropane	10.71	76	298125	48.374	ug/l	99
59) 2-Hexanone	10.75	43	863096	242.435	ug/l	99
60) Dibromochloromethane	10.90	129	187409	50.500	ug/l	99
61) 1,2-Dibromoethane	11.00	107	185793	49.544	ug/l	100
64) Tetrachloroethene	10.63	164	185039	44.377	ug/l	98
65) Chlorobenzene	11.43	112	470677	47.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	171925	47.249	ug/l	97
67) Ethyl Benzene	11.51	91	837431	48.217	ug/l	100
68) m/p-Xylenes	11.62	106	626466	96.516	ug/l	100
69) o-Xylene	11.95	106	299165	46.882	ug/l	98
70) Stvrene	11.96	104	516911	50.105	ug/l	99
71) Bromoform	12.13	173	138838	50.148	ug/l #	97
73) Isopropylbenzene	12.25	105	796796	43.847	ug/l	100
74) N-amyl acetate	12.07	43	284501	42.037	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	257522	48.895	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	208961m	42.391	ug/l	
77) Bromobenzene	12.53	156	212179	44.640	ug/l	98
78) n-propylbenzene	12.59	91	906162	44.916	ug/l	100
79) 2-Chlorotoluene	12.67	91	535522	47.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	670340	43.524	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	74130	46.444	ug/l	98
82) 4-Chlorotoluene	12.77	91	535673	45.245	ug/l	100
83) tert-Butylbenzene	12.99	119	576438	47.953	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	677765	45.045	ug/l	100
85) sec-Butylbenzene	13.17	105	764467	44.669	ug/l	100
86) p-Isopropyltoluene	13.29	119	693427	44.727	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	353373	45.365	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	347220	45.825	ug/l	99
89) n-Butylbenzene	13.61	91	592067	47.410	ug/l	99
90) Hexachloroethane	13.87	117	112387	44.827	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	352649	44.265	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44910	46.088	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	198268	45.413	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	115628	46.095	ug/l	98
95) Naphthalene	15.13	128	541610	45.319	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	205321	47.186	ug/l	100

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

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