

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055239.D
 Acq On : 25 Apr 2019 11:40
 Operator : JC/SP
 Sample : VN0425WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 10:59:04 AM

Quant Time: Apr 26 03:07:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	415981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	664522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	210330	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	284678	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	7.59	113	223607	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	10.09	98	829317	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.40	95	258390	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	114166	21.316	ug/l	96
3) Chloromethane	2.06	50	132940	20.256	ug/l	98
4) Vinyl Chloride	2.19	62	103671	19.714	ug/l	98
5) Bromomethane	2.56	94	59876	19.633	ug/l	98
6) Chloroethane	2.70	64	56337	20.326	ug/l	100
7) Trichlorofluoromethane	3.02	101	145931	20.392	ug/l	98
8) Diethyl Ether	3.41	74	51559	20.185	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	86517	19.374	ug/l	98
10) Methyl Iodide	3.96	142	127603	20.376	ug/l	100
11) Tert butyl alcohol	4.79	59	35999	109.516	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	85665	20.016	ug/l	97
13) Acrolein	3.61	56	39210	86.056	ug/l	99
14) Allyl chloride	4.33	41	175247	20.713	ug/l	98
15) Acrylonitrile	4.99	53	194600	107.947	ug/l	100
16) Acetone	3.82	43	164672	88.471	ug/l	97
17) Carbon Disulfide	4.06	76	227453	19.010	ug/l	100
18) Methyl Acetate	4.33	43	97659	23.827	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	248608	21.010	ug/l	99
20) Methylene Chloride	4.55	84	103862	19.410	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	90345	20.131	ug/l	98
22) Diisopropyl ether	5.95	45	346346	20.537	ug/l	93
23) Vinyl Acetate	5.90	43	1233193	108.816	ug/l	100
24) 1,1-Dichloroethane	5.85	63	183349	20.212	ug/l	98
25) 2-Butanone	6.84	43	237530	98.847	ug/l	100
26) 2,2-Dichloropropane	6.83	77	123657	20.144	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	104414	20.183	ug/l	99
28) Bromochloromethane	7.19	49	95308	20.611	ug/l	99
29) Tetrahydrofuran	7.21	42	161123	109.053	ug/l	98
30) Chloroform	7.37	83	174076	20.174	ug/l	95
31) Cyclohexane	7.66	56	171135	19.354	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	141696	20.440	ug/l	99
36) 1,1-Dichloropropene	7.79	75	125949	20.420	ug/l	99
37) Ethyl Acetate	6.93	43	105229	21.140	ug/l	98
38) Carbon Tetrachloride	7.77	117	120973	20.945	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	138083	18.766	ug/l	99
40) Benzene	8.04	78	392093	20.594	ug/l	99
41) Methacrylonitrile	7.18	41	59842	22.931	ug/l #	89
42) 1,2-Dichloroethane	8.12	62	135500	20.400	ug/l	100
43) Isopropyl Acetate	8.17	43	181743	22.548	ug/l	98
44) Trichloroethene	8.83	130	98655	20.501	ug/l	100
45) 1,2-Dichloropropane	9.12	63	107373	19.978	ug/l	99
46) Dibromomethane	9.21	93	63120	20.516	ug/l	97
47) Bromodichloromethane	9.40	83	129145	20.968	ug/l	99
48) Methyl methacrylate	9.20	41	79014	20.209	ug/l	97
49) 1,4-Dioxane	9.20	88	18408	407.683	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	497427	107.246	ug/l	99
52) Toluene	10.16	92	227239	20.359	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	118709	21.002	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	146561	20.895	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	85180	20.700	ug/l	98
56) Ethyl methacrylate	10.43	69	110540	21.564	ug/l	99
57) 1,3-Dichloropropane	10.71	76	150076	20.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	148385	83.014	ug/l	99
59) 2-Hexanone	10.75	43	306037	104.460	ug/l	99
60) Dibromochloromethane	10.90	129	87375	20.615	ug/l	99
61) 1,2-Dibromoethane	11.01	107	81550	21.078	ug/l	100
64) Tetrachloroethene	10.63	164	91232	19.860	ug/l	99
65) Chlorobenzene	11.43	112	230719	20.073	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	87061	20.437	ug/l	98
67) Ethyl Benzene	11.51	91	415432	20.291	ug/l	99
68) m/p-Xylenes	11.62	106	296534	40.382	ug/l	98
69) o-Xylene	11.95	106	146792	20.143	ug/l	100
70) Styrene	11.96	104	239435	21.196	ug/l	99
71) Bromoform	12.13	173	52568	20.679	ug/l #	100
73) Isopropylbenzene	12.25	105	397909	22.295	ug/l	100
74) N-amyl acetate	12.07	43	117092	21.593	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	104600	23.143	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	96785m	22.682	ug/l	
77) Bromobenzene	12.53	156	93145	20.060	ug/l	98
78) n-propylbenzene	12.59	91	422824	20.045	ug/l	100
79) 2-Chlorotoluene	12.67	91	267387	20.075	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	323314	20.534	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	23267	20.670	ug/l	93
82) 4-Chlorotoluene	12.77	91	245831	20.060	ug/l	100
83) tert-Butylbenzene	12.99	119	275576	22.064	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	301581	20.297	ug/l	100
85) sec-Butylbenzene	13.17	105	354133	19.881	ug/l	98
86) p-Isopropyltoluene	13.29	119	294799	20.088	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	142839	20.039	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	137361	19.793	ug/l	99
89) n-Butylbenzene	13.61	91	204859	18.833	ug/l	99
90) Hexachloroethane	13.87	117	50643	19.458	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	148131	20.233	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13114	20.533	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	47086	17.127	ug/l	97
94) Hexachlorobutadiene	15.01	225	49371	21.860	ug/l	98
95) Naphthalene	15.13	128	96822	16.739	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	47611	16.964	ug/l	98

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

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