

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060424\
 Data File : VN082454.D
 Acq On : 04 Jun 2024 12:02
 Operator : JC\MD
 Sample : VN0604WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/05/2024
 Supervised By : Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 03:18:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	170994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	288448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	263492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133853	49.574	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.140%		
35) Dibromofluoromethane	8.171	113	94121	53.044	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.080%		
50) Toluene-d8	10.571	98	340895	50.110	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.220%		
62) 4-Bromofluorobenzene	12.853	95	123493	50.860	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	101.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43908	17.810	ug/l	98
3) Chloromethane	2.359	50	49181	17.603	ug/l	99
4) Vinyl Chloride	2.518	62	47739	18.175	ug/l	100
5) Bromomethane	2.959	94	29113	19.283	ug/l	96
6) Chloroethane	3.118	64	34817	20.301	ug/l	99
7) Trichlorofluoromethane	3.495	101	69464	20.196	ug/l	97
8) Diethyl Ether	3.959	74	25033	20.430	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.377	101	42737	21.271	ug/l	99
10) Methyl Iodide	4.589	142	34193	16.929	ug/l #	90
11) Tert butyl alcohol	5.524	59	47575	109.768	ug/l	98
12) 1,1-Dichloroethene	4.342	96	37363	20.007	ug/l #	81
13) Acrolein	4.177	56	27258	84.869	ug/l	99
14) Allyl chloride	5.018	41	75382	18.854	ug/l #	91
15) Acrylonitrile	5.724	53	125305	111.631	ug/l	100
16) Acetone	4.430	43	126330	114.057	ug/l	97
17) Carbon Disulfide	4.706	76	91717	15.206	ug/l	100
18) Methyl Acetate	5.030	43	69252	25.106	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	145138	21.263	ug/l	100
20) Methylene Chloride	5.271	84	44418	19.876	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	38217	18.779	ug/l #	79
22) Diisopropyl ether	6.671	45	174961	20.956	ug/l #	92
23) Vinyl Acetate	6.606	43	669040	101.640	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	89022	20.687	ug/l	98
25) 2-Butanone	7.488	43	190615	113.508	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	77967	21.631	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	50024	20.829	ug/l	80
28) Bromochloromethane	7.818	49	33690	17.424	ug/l #	75
29) Tetrahydrofuran	7.841	42	119936	111.237	ug/l #	82
30) Chloroform	7.965	83	92351	22.473	ug/l	98
31) Cyclohexane	8.265	56	75299	17.461	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	78354	21.492	ug/l	95
36) 1,1-Dichloropropene	8.371	75	59565	20.015	ug/l	94
37) Ethyl Acetate	7.565	43	74965	22.509	ug/l #	92
38) Carbon Tetrachloride	8.371	117	66156	21.930	ug/l	98
39) Methylcyclohexane	9.606	83	59804	18.333	ug/l #	88
40) Benzene	8.606	78	187574	21.137	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	41386	21.130	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	74705	21.888	ug/l	96
43) Isopropyl Acetate	8.694	43	151988	25.755	ug/l #	85
44) Trichloroethene	9.359	130	41775	20.723	ug/l	96
45) 1,2-Dichloropropane	9.624	63	50167	21.910	ug/l	91
46) Dibromomethane	9.712	93	33880	22.538	ug/l	97
47) Bromodichloromethane	9.888	83	72626	22.885	ug/l	98
48) Methyl methacrylate	9.682	41	62920	22.376	ug/l #	80
49) 1,4-Dioxane	9.694	88	19457	493.787	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	393102	117.241	ug/l	90
52) Toluene	10.635	92	114932	21.581	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	74009	22.549	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	76931	22.144	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	45925	23.730	ug/l	95
56) Ethyl methacrylate	10.876	69	72909	22.189	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	79652	22.012	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	158195	93.340	ug/l	91
59) 2-Hexanone	11.200	43	296180	120.641	ug/l	88
60) Dibromochloromethane	11.359	129	52632	24.643	ug/l	99
61) 1,2-Dibromoethane	11.470	107	43287	21.776	ug/l	100
64) Tetrachloroethene	11.106	164	40760	20.871	ug/l	95
65) Chlorobenzene	11.894	112	122646	21.070	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	46299	24.147	ug/l	98
67) Ethyl Benzene	11.965	91	218032	20.939	ug/l	99
68) m/p-Xylenes	12.076	106	161696	42.369	ug/l	94
69) o-Xylene	12.400	106	78297	21.180	ug/l	93
70) Styrene	12.412	104	132970	21.655	ug/l	96
71) Bromoform	12.582	173	33834	22.577	ug/l #	99
73) Isopropylbenzene	12.700	105	203841	20.812	ug/l	97
74) N-amyl acetate	12.494	43	107855	20.019	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	64409	22.812	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	63494m	24.468	ug/l	
77) Bromobenzene	12.982	156	50220	21.515	ug/l	90
78) n-propylbenzene	13.041	91	241829	20.850	ug/l	97
79) 2-Chlorotoluene	13.129	91	149511	20.528	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	167759	21.182	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	24198	21.811	ug/l #	83
82) 4-Chlorotoluene	13.223	91	149016	20.927	ug/l	95
83) tert-Butylbenzene	13.441	119	142582	20.578	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	169523	20.922	ug/l	98
85) sec-Butylbenzene	13.617	105	201180	20.948	ug/l	99
86) p-Isopropyltoluene	13.729	119	163313	20.924	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	90383	21.373	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	89859	20.820	ug/l	97
89) n-Butylbenzene	14.059	91	142337	20.290	ug/l	98
90) Hexachloroethane	14.335	117	33381	23.084	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	87999	21.984	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13996	24.127	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	45447	20.255	ug/l	99
94) Hexachlorobutadiene	15.500	225	20293	20.611	ug/l	97
95) Naphthalene	15.641	128	148220	21.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	47990	21.365	ug/l	98

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

