

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083911.D
 Acq On : 16 Sep 2024 12:39
 Operator : JC\MD
 Sample : VN0916WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2024
 Supervised By : Mahesh Dadoda 09/17/2024

Quant Time: Sep 17 02:29:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	144339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112375	51.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.260%			
35) Dibromofluoromethane	8.165	113	79188	49.210	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.420%			
50) Toluene-d8	10.565	98	279194	50.188	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.380%			
62) 4-Bromofluorobenzene	12.847	95	105218	45.843	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30723	18.328	ug/l	99
3) Chloromethane	2.365	50	31660	17.288	ug/l	99
4) Vinyl Chloride	2.518	62	32173	17.511	ug/l	98
5) Bromomethane	2.959	94	20954	19.863	ug/l	98
6) Chloroethane	3.124	64	21961	17.039	ug/l	92
7) Trichlorofluoromethane	3.501	101	54587	17.503	ug/l	100
8) Diethyl Ether	3.959	74	20277	19.395	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	30176	18.254	ug/l	99
10) Methyl Iodide	4.589	142	37174	17.682	ug/l	97
11) Tert butyl alcohol	5.506	59	33183	113.857	ug/l	98
12) 1,1-Dichloroethene	4.342	96	27754	17.778	ug/l	91
13) Acrolein	4.177	56	25811	89.759	ug/l	98
14) Allyl chloride	5.024	41	47505	17.077	ug/l	92
15) Acrylonitrile	5.718	53	81959	103.407	ug/l	99
16) Acetone	4.424	43	79091	90.651	ug/l	94
17) Carbon Disulfide	4.712	76	74047	16.956	ug/l	100
18) Methyl Acetate	5.030	43	39954	20.899	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	106493	18.851	ug/l	98
20) Methylene Chloride	5.277	84	32516	18.212	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	29368	17.553	ug/l #	92
22) Diisopropyl ether	6.671	45	110170	19.239	ug/l	99
23) Vinyl Acetate	6.600	43	417224	99.492	ug/l	98
24) 1,1-Dichloroethane	6.571	63	60165	18.237	ug/l	97
25) 2-Butanone	7.483	43	111439	97.180	ug/l	95
26) 2,2-Dichloropropane	7.489	77	53463	17.597	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	37585	18.924	ug/l	98
28) Bromochloromethane	7.812	49	29090	20.938	ug/l	95
29) Tetrahydrofuran	7.836	42	71238	105.062	ug/l	99
30) Chloroform	7.965	83	65240	18.627	ug/l	100
31) Cyclohexane	8.259	56	52445	16.673	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	59205	18.384	ug/l	98
36) 1,1-Dichloropropene	8.371	75	42396	17.504	ug/l	99
37) Ethyl Acetate	7.559	43	48767	22.182	ug/l	97
38) Carbon Tetrachloride	8.359	117	50121	18.240	ug/l	95
39) Methylcyclohexane	9.600	83	45470	16.493	ug/l	96
40) Benzene	8.606	78	133278	18.282	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26292	20.220	ug/l	98
42) 1,2-Dichloroethane	8.671	62	52802	19.384	ug/l	100
43) Isopropyl Acetate	8.683	43	83850	21.047	ug/l	100
44) Trichloroethene	9.353	130	31896	18.894	ug/l	95
45) 1,2-Dichloropropane	9.618	63	32826	18.630	ug/l	98
46) Dibromomethane	9.706	93	25280	20.484	ug/l	97
47) Bromodichloromethane	9.888	83	53427	20.003	ug/l	100
48) Methyl methacrylate	9.677	41	38223	20.222	ug/l	97
49) 1,4-Dioxane	9.694	88	14148	455.005	ug/l #	98
51) 4-Methyl-2-Pentanone	10.441	43	234712	108.228	ug/l	98
52) Toluene	10.630	92	80836	18.128	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	51711	19.101	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	52576	18.488	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	31953	19.194	ug/l	95
56) Ethyl methacrylate	10.871	69	52538	20.513	ug/l	96
57) 1,3-Dichloropropane	11.165	76	55355	19.347	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	112434	121.831	ug/l	98
59) 2-Hexanone	11.194	43	171414	106.852	ug/l	97
60) Dibromochloromethane	11.359	129	37602	20.183	ug/l	98
61) 1,2-Dibromoethane	11.471	107	32712	19.703	ug/l	98
64) Tetrachloroethene	11.100	164	27086	18.291	ug/l	95
65) Chlorobenzene	11.888	112	88568	17.896	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	32019	18.663	ug/l	97
67) Ethyl Benzene	11.965	91	155848	17.727	ug/l	100
68) m/p-Xylenes	12.071	106	116730	35.763	ug/l	98
69) o-Xylene	12.394	106	56937	18.019	ug/l	99
70) Styrene	12.412	104	96213	18.554	ug/l	98
71) Bromoform	12.576	173	23847	20.627	ug/l #	98
73) Isopropylbenzene	12.694	105	146155	18.292	ug/l	99
74) N-amyl acetate	12.494	43	69179	20.293	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	45967	19.580	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	39038m	18.733	ug/l	
77) Bromobenzene	12.976	156	34058	17.708	ug/l	98
78) n-propylbenzene	13.035	91	173146	18.625	ug/l	100
79) 2-Chlorotoluene	13.123	91	109153	18.410	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	124053	18.415	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	14982	18.829	ug/l	94
82) 4-Chlorotoluene	13.218	91	110334	18.544	ug/l	100
83) tert-Butylbenzene	13.435	119	106637	18.093	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	124268	18.364	ug/l	100
85) sec-Butylbenzene	13.612	105	146423	18.733	ug/l	99
86) p-Isopropyltoluene	13.729	119	122563	18.706	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	63920	17.610	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	65213	17.743	ug/l	99
89) n-Butylbenzene	14.053	91	104430	17.752	ug/l	98
90) Hexachloroethane	14.329	117	24065	18.271	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	63280	18.064	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9942	21.244	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	31705	16.866	ug/l	97
94) Hexachlorobutadiene	15.500	225	13928	17.447	ug/l	97
95) Naphthalene	15.641	128	101147	17.686	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	30363	16.901	ug/l	99

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

