

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084286.D
 Acq On : 03 Oct 2024 10:05
 Operator : JC\MD
 Sample : VN1003WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2024
 Supervised By : Mahesh Dadoda 10/04/2024

Quant Time: Oct 04 01:29:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	128542	52.753	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.500%
35) Dibromofluoromethane	8.165	113	101663	54.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.180%
50) Toluene-d8	10.565	98	385143	56.211	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.420%
62) 4-Bromofluorobenzene	12.847	95	132668	53.149	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.300%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	37946	19.520	ug/l 90
3) Chloromethane	2.359	50	42644	19.213	ug/l 95
4) Vinyl Chloride	2.518	62	42326	19.686	ug/l 92
5) Bromomethane	2.959	94	26888	18.960	ug/l 88
6) Chloroethane	3.124	64	29003	18.836	ug/l 99
7) Trichlorofluoromethane	3.500	101	67007	20.014	ug/l 97
8) Diethyl Ether	3.965	74	22766	18.335	ug/l 98
9) 1,1,2-Trichlorotrifluo...	4.377	101	38872	20.263	ug/l 99
10) Methyl Iodide	4.589	142	47328	19.158	ug/l 98
11) Tert butyl alcohol	5.518	59	35351	87.985	ug/l 99
12) 1,1-Dichloroethene	4.347	96	36356	19.648	ug/l 95
13) Acrolein	4.183	56	38224	82.869	ug/l 100
14) Allyl chloride	5.030	41	56420	17.557	ug/l 99
15) Acrylonitrile	5.724	53	101779	100.312	ug/l 98
16) Acetone	4.424	43	101990	97.436	ug/l 97
17) Carbon Disulfide	4.718	76	103177	17.612	ug/l 98
18) Methyl Acetate	5.030	43	45974	20.151	ug/l 99
19) Methyl tert-butyl Ether	5.794	73	120712	19.328	ug/l 98
20) Methylene Chloride	5.271	84	41628	19.564	ug/l 93
21) trans-1,2-Dichloroethene	5.794	96	38678	19.952	ug/l 98
22) Diisopropyl ether	6.665	45	131911	19.845	ug/l 97
23) Vinyl Acetate	6.600	43	479948	97.350	ug/l 98
24) 1,1-Dichloroethane	6.571	63	75046	20.189	ug/l 100
25) 2-Butanone	7.482	43	139938	98.156	ug/l 100
26) 2,2-Dichloropropane	7.494	77	65602	19.573	ug/l 99
27) cis-1,2-Dichloroethene	7.488	96	44983	19.202	ug/l 99
28) Bromochloromethane	7.812	49	34800	20.982	ug/l 99
29) Tetrahydrofuran	7.841	42	86917	98.791	ug/l 99
30) Chloroform	7.959	83	79579	20.610	ug/l 88
31) Cyclohexane	8.259	56	65990	18.284	ug/l 99
32) 1,1,1-Trichloroethane	8.165	97	69786	20.124	ug/l 98
36) 1,1-Dichloropropene	8.371	75	52871	19.545	ug/l 99
37) Ethyl Acetate	7.559	43	54681	19.703	ug/l 99
38) Carbon Tetrachloride	8.359	117	59508	20.054	ug/l 97
39) Methylcyclohexane	9.600	83	57135	18.977	ug/l 97
40) Benzene	8.606	78	169934	20.163	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30342	20.139	ug/l	98
42) 1,2-Dichloroethane	8.671	62	58375	20.430	ug/l	99
43) Isopropyl Acetate	8.688	43	90050	16.566	ug/l	99
44) Trichloroethene	9.353	130	39275	19.952	ug/l	98
45) 1,2-Dichloropropane	9.618	63	40482	20.304	ug/l	90
46) Dibromomethane	9.706	93	29128	21.649	ug/l	100
47) Bromodichloromethane	9.882	83	62105	20.776	ug/l #	98
48) Methyl methacrylate	9.682	41	43156	19.944	ug/l	98
49) 1,4-Dioxane	9.694	88	15977	401.063	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	275703	104.359	ug/l	100
52) Toluene	10.629	92	104206	20.275	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	59860	19.645	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	66153	20.184	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	39141	21.244	ug/l	93
56) Ethyl methacrylate	10.870	69	58544	19.311	ug/l	97
57) 1,3-Dichloropropane	11.165	76	66842	20.303	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	137654	97.878	ug/l	98
59) 2-Hexanone	11.194	43	202204	102.404	ug/l	98
60) Dibromochloromethane	11.359	129	44640	20.506	ug/l	97
61) 1,2-Dibromoethane	11.470	107	38918	20.328	ug/l	99
64) Tetrachloroethene	11.100	164	35391	20.156	ug/l	94
65) Chlorobenzene	11.894	112	109976	19.676	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.959	131	38431	19.962	ug/l	99
67) Ethyl Benzene	11.959	91	188894	19.109	ug/l	98
68) m/p-Xylenes	12.070	106	146376	40.032	ug/l	100
69) o-Xylene	12.400	106	69553	20.105	ug/l	100
70) Styrene	12.412	104	120069	20.491	ug/l	98
71) Bromoform	12.576	173	29374	20.724	ug/l #	100
73) Isopropylbenzene	12.694	105	175830	19.261	ug/l	100
74) N-amyl acetate	12.494	43	78313	18.944	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	55997	20.399	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	48032m	19.667	ug/l	
77) Bromobenzene	12.982	156	42701	19.392	ug/l	99
78) n-propylbenzene	13.035	91	212999	20.138	ug/l	99
79) 2-Chlorotoluene	13.123	91	130433	19.326	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	152396	20.465	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18144	17.811	ug/l	89
82) 4-Chlorotoluene	13.217	91	135472	19.939	ug/l	99
83) tert-Butylbenzene	13.435	119	128099	19.354	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	152506	20.330	ug/l	100
85) sec-Butylbenzene	13.617	105	176605	19.996	ug/l	100
86) p-Isopropyltoluene	13.729	119	145368	19.904	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	80246	19.425	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	80561	19.311	ug/l	99
89) n-Butylbenzene	14.053	91	122113	18.439	ug/l	99
90) Hexachloroethane	14.335	117	29500	19.900	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	77393	19.106	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11229	19.823	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	35283	17.684	ug/l	99
94) Hexachlorobutadiene	15.500	225	17527	17.616	ug/l	97
95) Naphthalene	15.641	128	105992	16.025	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36046	18.049	ug/l	97

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

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

