

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084224.D
 Acq On : 30 Sep 2024 18:06
 Operator : JC\MD
 Sample : VN0930WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 07:15:29 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	167265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123517	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124360	50.145	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.280%
35) Dibromofluoromethane	8.165	113	94352	49.324	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	10.565	98	359158	51.033	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.060%
62) 4-Bromofluorobenzene	12.847	95	129632	50.560	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36682	18.540	ug/l	95
3) Chloromethane	2.359	50	41635	18.430	ug/l	94
4) Vinyl Chloride	2.512	62	40097	18.324	ug/l	96
5) Bromomethane	2.959	94	25198	17.458	ug/l	89
6) Chloroethane	3.118	64	24823	15.839	ug/l	94
7) Trichlorofluoromethane	3.501	101	63491	18.633	ug/l	98
8) Diethyl Ether	3.959	74	23113	18.289	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	35594	18.230	ug/l	98
10) Methyl Iodide	4.589	142	46679	18.565	ug/l	96
11) Tert butyl alcohol	5.518	59	37000	90.479	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	34870	18.516	ug/l	95
13) Acrolein	4.183	56	47215	100.572	ug/l	98
14) Allyl chloride	5.024	41	64834	19.822	ug/l	90
15) Acrylonitrile	5.724	53	98582	95.463	ug/l	98
16) Acetone	4.430	43	102997	96.678	ug/l	96
17) Carbon Disulfide	4.712	76	101962	17.100	ug/l	97
18) Methyl Acetate	5.030	43	45014	19.386	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	120609	18.974	ug/l	97
20) Methylene Chloride	5.277	84	40315	18.616	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	37494	19.003	ug/l	91
22) Diisopropyl ether	6.671	45	130525	19.293	ug/l	96
23) Vinyl Acetate	6.600	43	477451	95.150	ug/l	99
24) 1,1-Dichloroethane	6.565	63	70034	18.511	ug/l	98
25) 2-Butanone	7.483	43	137049	94.449	ug/l	98
26) 2,2-Dichloropropane	7.489	77	62871	18.430	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	43794	18.368	ug/l	99
28) Bromochloromethane	7.812	49	30805	18.249	ug/l	100
29) Tetrahydrofuran	7.841	42	88492	98.823	ug/l	98
30) Chloroform	7.965	83	72938	18.560	ug/l	99
31) Cyclohexane	8.259	56	66860	18.201	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	65563	18.576	ug/l	99
36) 1,1-Dichloropropene	8.371	75	50889	18.315	ug/l	98
37) Ethyl Acetate	7.559	43	54605	19.156	ug/l	99
38) Carbon Tetrachloride	8.359	117	56899	18.668	ug/l	95
39) Methylcyclohexane	9.600	83	57967	18.745	ug/l	97
40) Benzene	8.606	78	162161	18.732	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29570	19.108	ug/l	97
42) 1,2-Dichloroethane	8.665	62	55944	19.062	ug/l	99
43) Isopropyl Acetate	8.688	43	91945	16.468	ug/l	99
44) Trichloroethene	9.353	130	37737	18.664	ug/l	87
45) 1,2-Dichloropropane	9.618	63	39289	19.185	ug/l	96
46) Dibromomethane	9.706	93	27998	20.259	ug/l	98
47) Bromodichloromethane	9.883	83	58669	19.108	ug/l	97
48) Methyl methacrylate	9.683	41	43562	19.600	ug/l	96
49) 1,4-Dioxane	9.694	88	15959	390.023	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	275168	101.403	ug/l	99
52) Toluene	10.630	92	98047	18.573	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	59075	18.875	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	63311	18.806	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	36748	19.418	ug/l	95
56) Ethyl methacrylate	10.871	69	59652	19.156	ug/l	99
57) 1,3-Dichloropropane	11.159	76	65081	19.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	121578	84.163	ug/l	99
59) 2-Hexanone	11.194	43	200727	98.969	ug/l	100
60) Dibromochloromethane	11.359	129	42174	18.861	ug/l	99
61) 1,2-Dibromoethane	11.465	107	36824	18.726	ug/l	99
64) Tetrachloroethene	11.100	164	33253	18.594	ug/l	95
65) Chlorobenzene	11.888	112	105071	18.457	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	36779	18.757	ug/l	97
67) Ethyl Benzene	11.965	91	185299	18.405	ug/l	96
68) m/p-Xylenes	12.071	106	139960	37.582	ug/l	99
69) o-Xylene	12.394	106	67573	19.178	ug/l	99
70) Styrene	12.412	104	112458	18.843	ug/l	100
71) Bromoform	12.576	173	27392	18.974	ug/l #	97
73) Isopropylbenzene	12.694	105	172520	18.304	ug/l	100
74) N-amyl acetate	12.494	43	77861	18.242	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	52967	18.689	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	44109m	17.492	ug/l	
77) Bromobenzene	12.976	156	41742	18.360	ug/l	97
78) n-propylbenzene	13.035	91	205145	18.785	ug/l	99
79) 2-Chlorotoluene	13.123	91	125415	17.998	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	144794	18.833	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17758	16.883	ug/l	95
82) 4-Chlorotoluene	13.218	91	127052	18.112	ug/l	98
83) tert-Butylbenzene	13.435	119	124652	18.241	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	149303	19.277	ug/l	97
85) sec-Butylbenzene	13.612	105	173231	18.997	ug/l	99
86) p-Isopropyltoluene	13.729	119	141085	18.710	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	76884	18.026	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	76905	17.855	ug/l	99
89) n-Butylbenzene	14.053	91	120727	17.657	ug/l	98
90) Hexachloroethane	14.329	117	27687	18.089	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	71995	17.215	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10170	17.389	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	37408	18.160	ug/l	99
94) Hexachlorobutadiene	15.500	225	16588	16.147	ug/l	98
95) Naphthalene	15.641	128	117215	17.164	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	35856	17.389	ug/l	98

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

