

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083769.D
 Acq On : 11 Sep 2024 04:03
 Operator : JC\MD
 Sample : VN0910WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBSD02

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024

Quant Time: Sep 11 05:18:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 03:05:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	146032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105562	47.940	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.880%		
35) Dibromofluoromethane	8.165	113	76584	45.800	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.600%		
50) Toluene-d8	10.565	98	277593	48.021	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.040%		
62) 4-Bromofluorobenzene	12.847	95	106858	44.805	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.118	85	32317	19.056	ug/l	98
3) Chloromethane	2.359	50	35440	19.331	ug/l	98
4) Vinyl Chloride	2.512	62	34166	18.380	ug/l	98
5) Bromomethane	2.900	94	19969	18.710	ug/l	97
6) Chloroethane	3.071	64	24371	18.898	ug/l #	86
7) Trichlorofluoromethane	3.465	101	58597	18.571	ug/l	97
8) Diethyl Ether	3.959	74	19703	18.628	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.353	101	30614	18.305	ug/l	97
10) Methyl Iodide	4.571	142	39793	18.708	ug/l	90
11) Tert butyl alcohol	5.536	59	27153	92.087	ug/l	98
12) 1,1-Dichloroethene	4.330	96	30364	19.224	ug/l	100
13) Acrolein	4.177	56	27437	94.308	ug/l	99
14) Allyl chloride	5.012	41	51938	18.454	ug/l	98
15) Acrylonitrile	5.718	53	77754	96.964	ug/l	97
16) Acetone	4.436	43	68331	77.410	ug/l	98
17) Carbon Disulfide	4.694	76	77818	17.613	ug/l	97
18) Methyl Acetate	5.024	43	39170	20.191	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	108282	18.945	ug/l	99
20) Methylene Chloride	5.259	84	33535	18.565	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	30131	17.800	ug/l #	90
22) Diisopropyl ether	6.671	45	112525	19.422	ug/l	98
23) Vinyl Acetate	6.600	43	401799	94.703	ug/l	99
24) 1,1-Dichloroethane	6.559	63	63601	19.055	ug/l	98
25) 2-Butanone	7.482	43	101391	87.392	ug/l	99
26) 2,2-Dichloropropane	7.482	77	42239	13.741	ug/l	94
27) cis-1,2-Dichloroethene	7.488	96	37051	18.439	ug/l	99
28) Bromochloromethane	7.812	49	26443	18.812	ug/l	95
29) Tetrahydrofuran	7.835	42	65674	95.734	ug/l	99
30) Chloroform	7.965	83	66671	18.815	ug/l	98
31) Cyclohexane	8.253	56	57474	18.060	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	60320	18.513	ug/l	99
36) 1,1-Dichloropropene	8.371	75	43468	17.271	ug/l	98
37) Ethyl Acetate	7.559	43	44594	19.520	ug/l	98
38) Carbon Tetrachloride	8.353	117	51403	18.003	ug/l	98
39) Methylcyclohexane	9.600	83	49756	17.368	ug/l	99
40) Benzene	8.600	78	139014	18.351	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	25059	18.546	ug/l	96
42) 1,2-Dichloroethane	8.665	62	55578	19.634	ug/l	99
43) Isopropyl Acetate	8.688	43	78608	18.988	ug/l	98
44) Trichloroethene	9.347	130	31812	18.134	ug/l	97
45) 1,2-Dichloropropane	9.618	63	34724	18.965	ug/l	98
46) Dibromomethane	9.706	93	24540	19.135	ug/l	97
47) Bromodichloromethane	9.882	83	51176	18.439	ug/l	97
48) Methyl methacrylate	9.682	41	37645	19.166	ug/l	97
49) 1,4-Dioxane	9.694	88	12106	374.671	ug/l #	99
51) 4-Methyl-2-Pentanone	10.441	43	213097	94.561	ug/l	97
52) Toluene	10.629	92	84547	18.246	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	48239	17.147	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	51815	17.534	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	31815	18.392	ug/l	98
56) Ethyl methacrylate	10.871	69	51442	19.328	ug/l	96
57) 1,3-Dichloropropane	11.159	76	55038	18.512	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	81394	84.875	ug/l	98
59) 2-Hexanone	11.194	43	151283	90.752	ug/l	99
60) Dibromochloromethane	11.359	129	36157	18.677	ug/l	98
61) 1,2-Dibromoethane	11.470	107	31270	18.125	ug/l	100
64) Tetrachloroethene	11.100	164	26864	17.645	ug/l	95
65) Chlorobenzene	11.888	112	89919	17.672	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	32818	18.605	ug/l	97
67) Ethyl Benzene	11.965	91	161699	17.889	ug/l	99
68) m/p-Xylenes	12.070	106	117666	35.064	ug/l	96
69) o-Xylene	12.394	106	58302	17.947	ug/l	100
70) Styrene	12.412	104	94485	17.722	ug/l	98
71) Bromoform	12.576	173	21802	18.342	ug/l #	100
73) Isopropylbenzene	12.694	105	152935	18.263	ug/l	100
74) N-amyl acetate	12.494	43	64939	18.176	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	43673	17.750	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	38098m	17.444	ug/l	
77) Bromobenzene	12.982	156	34964	17.345	ug/l	98
78) n-propylbenzene	13.035	91	171973	17.650	ug/l	99
79) 2-Chlorotoluene	13.123	91	110165	17.729	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	125435	17.767	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	14356	17.215	ug/l	98
82) 4-Chlorotoluene	13.223	91	110255	17.681	ug/l	99
83) tert-Butylbenzene	13.435	119	111871	18.111	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	128205	18.077	ug/l	99
85) sec-Butylbenzene	13.617	105	147015	17.946	ug/l	98
86) p-Isopropyltoluene	13.729	119	122448	17.831	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	64552	16.969	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	64729	16.804	ug/l	98
89) n-Butylbenzene	14.053	91	100337	16.274	ug/l	99
90) Hexachloroethane	14.335	117	24705	17.897	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	65591	17.865	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9224	18.806	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	32043	16.264	ug/l	98
94) Hexachlorobutadiene	15.500	225	13698	16.372	ug/l	97
95) Naphthalene	15.635	128	102826	17.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	31884	16.933	ug/l	98

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

