

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083592.D
 Acq On : 31 Aug 2024 03:56
 Operator : JC\MD
 Sample : VN0830WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2024
 Supervised By : Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 05:07:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119335	52.438	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.880%			
35) Dibromofluoromethane	8.165	113	84810	48.106	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.220%			
50) Toluene-d8	10.565	98	319857	46.616	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.240%			
62) 4-Bromofluorobenzene	12.847	95	120026	47.195	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33142	19.231	ug/l	99
3) Chloromethane	2.359	50	36064	17.965	ug/l	99
4) Vinyl Chloride	2.512	62	37518	18.674	ug/l	99
5) Bromomethane	2.901	94	18967	17.958	ug/l	96
6) Chloroethane	3.071	64	24218	18.446	ug/l	94
7) Trichlorofluoromethane	3.471	101	61939	18.721	ug/l	99
8) Diethyl Ether	3.954	74	21526	18.199	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	32764	18.260	ug/l	97
10) Methyl Iodide	4.577	142	43424	17.891	ug/l	94
11) Tert butyl alcohol	5.536	59	30319	85.446	ug/l	100
12) 1,1-Dichloroethene	4.330	96	32579	18.263	ug/l	99
13) Acrolein	4.171	56	28367	84.502	ug/l	98
14) Allyl chloride	5.012	41	55920	17.582	ug/l	99
15) Acrylonitrile	5.718	53	81251	92.851	ug/l	99
16) Acetone	4.430	43	71217	78.474	ug/l	98
17) Carbon Disulfide	4.701	76	87166	16.768	ug/l	96
18) Methyl Acetate	5.018	43	41813	17.325	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	118586	18.741	ug/l	98
20) Methylene Chloride	5.277	84	36828	18.377	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	33536	18.048	ug/l	94
22) Diisopropyl ether	6.671	45	119427	19.043	ug/l	99
23) Vinyl Acetate	6.600	43	420422	90.460	ug/l	99
24) 1,1-Dichloroethane	6.565	63	67095	18.761	ug/l	100
25) 2-Butanone	7.483	43	109212	88.386	ug/l	95
26) 2,2-Dichloropropane	7.489	77	44385	13.330	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	42521	19.177	ug/l	95
28) Bromochloromethane	7.806	49	29704	17.786	ug/l	98
29) Tetrahydrofuran	7.841	42	71657	93.495	ug/l	98
30) Chloroform	7.965	83	70024	18.584	ug/l	99
31) Cyclohexane	8.253	56	62479	17.748	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	65996	19.370	ug/l	97
36) 1,1-Dichloropropene	8.365	75	48980	18.214	ug/l	99
37) Ethyl Acetate	7.553	43	45168	16.878	ug/l	100
38) Carbon Tetrachloride	8.359	117	56832	18.523	ug/l	98
39) Methylcyclohexane	9.600	83	57304	17.759	ug/l	97
40) Benzene	8.600	78	151366	18.298	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27441	17.968	ug/l	99
42) 1,2-Dichloroethane	8.671	62	56048	18.278	ug/l	100
43) Isopropyl Acetate	8.688	43	87306	15.441	ug/l	99
44) Trichloroethene	9.353	130	34342	17.258	ug/l	98
45) 1,2-Dichloropropane	9.618	63	37031	19.217	ug/l	96
46) Dibromomethane	9.706	93	26134	18.383	ug/l	97
47) Bromodichloromethane	9.888	83	55152	18.225	ug/l	99
48) Methyl methacrylate	9.683	41	39705	18.088	ug/l	99
49) 1,4-Dioxane	9.694	88	12463	346.503	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	223821	89.958	ug/l	99
52) Toluene	10.630	92	93299	18.034	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	53062	16.937	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	55912	17.003	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	33742	18.273	ug/l	98
56) Ethyl methacrylate	10.871	69	55285	18.098	ug/l	97
57) 1,3-Dichloropropane	11.159	76	59673	18.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	124547	93.831	ug/l	100
59) 2-Hexanone	11.194	43	162833	87.206	ug/l	99
60) Dibromochloromethane	11.359	129	39375	18.403	ug/l	99
61) 1,2-Dibromoethane	11.465	107	34749	18.419	ug/l	98
64) Tetrachloroethene	11.100	164	29195	17.347	ug/l	89
65) Chlorobenzene	11.888	112	98155	17.094	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	35696	18.412	ug/l	98
67) Ethyl Benzene	11.965	91	177172	17.285	ug/l	98
68) m/p-Xylenes	12.071	106	132325	34.269	ug/l	99
69) o-Xylene	12.400	106	63456	17.003	ug/l	95
70) Styrene	12.412	104	106435	16.962	ug/l	99
71) Bromoform	12.582	173	23655	17.130	ug/l #	98
73) Isopropylbenzene	12.694	105	168469	17.330	ug/l	100
74) N-amyl acetate	12.494	43	70825	16.786	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	48920	17.726	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	41403m	17.074	ug/l	
77) Bromobenzene	12.982	156	38587	16.919	ug/l	98
78) n-propylbenzene	13.035	91	187698	16.700	ug/l	100
79) 2-Chlorotoluene	13.123	91	118660	16.293	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	138985	16.972	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	14533	14.135	ug/l	94
82) 4-Chlorotoluene	13.218	91	120143	16.238	ug/l	100
83) tert-Butylbenzene	13.435	119	125691	17.263	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	142009	17.228	ug/l	99
85) sec-Butylbenzene	13.618	105	163536	16.899	ug/l	100
86) p-Isopropyltoluene	13.729	119	134322	16.618	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	70659	15.960	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	69724	15.327	ug/l	98
89) n-Butylbenzene	14.053	91	112604	15.838	ug/l	100
90) Hexachloroethane	14.335	117	26732	16.991	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	71670	16.810	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9667	16.151	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	35198	14.558	ug/l	99
94) Hexachlorobutadiene	15.500	225	14976	15.468	ug/l	96
95) Naphthalene	15.641	128	116732	15.028	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	34079	14.111	ug/l	97

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

