

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083638.D
 Acq On : 04 Sep 2024 10:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/05/2024
 Supervised By : Mahesh Dadoda 09/05/2024

Quant Time: Sep 05 01:49:47 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	8.218	168	183430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142241	55.485	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.960%			
35) Dibromofluoromethane	8.165	113	105148	54.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.600%			
50) Toluene-d8	10.565	98	393067	52.489	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.980%			
62) 4-Bromofluorobenzene	12.847	95	153044	55.292	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	100186	51.607	ug/l	98
3) Chloromethane	2.359	50	102250	45.214	ug/l	97
4) Vinyl Chloride	2.518	62	109246	48.269	ug/l	99
5) Bromomethane	2.900	94	56579	47.554	ug/l	97
6) Chloroethane	3.071	64	72285	48.876	ug/l	92
7) Trichlorofluoromethane	3.471	101	185450	49.757	ug/l	96
8) Diethyl Ether	3.953	74	66107	49.615	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	103457	51.184	ug/l	100
10) Methyl Iodide	4.577	142	136485	49.917	ug/l	91
11) Tert butyl alcohol	5.536	59	100251	250.807	ug/l	98
12) 1,1-Dichloroethene	4.324	96	97074	48.308	ug/l	94
13) Acrolein	4.171	56	78041	206.371	ug/l	99
14) Allyl chloride	5.006	41	173410	48.400	ug/l	98
15) Acrylonitrile	5.718	53	242878	246.388	ug/l	99
16) Acetone	4.424	43	277962	271.894	ug/l	95
17) Carbon Disulfide	4.700	76	251582	42.962	ug/l	100
18) Methyl Acetate	5.018	43	124570	45.818	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	361089	50.658	ug/l	100
20) Methylene Chloride	5.265	84	106231	47.055	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	100765	48.139	ug/l	93
22) Diisopropyl ether	6.671	45	357963	50.669	ug/l	99
23) Vinyl Acetate	6.600	43	1355234	258.855	ug/l	100
24) 1,1-Dichloroethane	6.565	63	200490	49.764	ug/l	99
25) 2-Butanone	7.477	43	359083	257.977	ug/l	100
26) 2,2-Dichloropropane	7.488	77	195802	52.201	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	124314	49.770	ug/l	99
28) Bromochloromethane	7.806	49	91508	48.640	ug/l	99
29) Tetrahydrofuran	7.835	42	211556	245.034	ug/l	99
30) Chloroform	7.959	83	214197	50.464	ug/l	97
31) Cyclohexane	8.253	56	178811	45.091	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	201582	52.520	ug/l	99
36) 1,1-Dichloropropene	8.365	75	147904	50.537	ug/l	100
37) Ethyl Acetate	7.559	43	142610	48.962	ug/l	99
38) Carbon Tetrachloride	8.359	117	174507	52.260	ug/l	95
39) Methylcyclohexane	9.600	83	182992	52.106	ug/l	98
40) Benzene	8.606	78	450944	50.088	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	81914	49.283	ug/l	98
42) 1,2-Dichloroethane	8.671	62	167967	50.331	ug/l	100
43) Isopropyl Acetate	8.688	43	270639	46.214	ug/l	99
44) Trichloroethene	9.353	130	105602	48.761	ug/l	97
45) 1,2-Dichloropropane	9.618	63	108174	51.579	ug/l	100
46) Dibromomethane	9.706	93	79410	51.324	ug/l	99
47) Bromodichloromethane	9.888	83	172871	52.487	ug/l	99
48) Methyl methacrylate	9.676	41	120891	50.603	ug/l	97
49) 1,4-Dioxane	9.694	88	39007	996.459	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	701883	259.201	ug/l	99
52) Toluene	10.629	92	281583	50.009	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	178541	52.364	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	186313	52.060	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	102866	51.185	ug/l	98
56) Ethyl methacrylate	10.876	69	180518	54.297	ug/l	99
57) 1,3-Dichloropropane	11.159	76	180572	50.751	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	375321	259.806	ug/l	99
59) 2-Hexanone	11.194	43	539827	265.638	ug/l	99
60) Dibromochloromethane	11.359	129	125224	53.775	ug/l	99
61) 1,2-Dibromoethane	11.465	107	107468	52.341	ug/l	99
64) Tetrachloroethene	11.100	164	89868	49.471	ug/l	99
65) Chlorobenzene	11.888	112	300448	48.475	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	109257	52.211	ug/l	100
67) Ethyl Benzene	11.965	91	563986	50.977	ug/l	99
68) m/p-Xylenes	12.070	106	417230	100.108	ug/l	100
69) o-Xylene	12.394	106	202600	50.295	ug/l	99
70) Styrene	12.412	104	341674	50.446	ug/l	98
71) Bromoform	12.576	173	80429	53.961	ug/l #	98
73) Isopropylbenzene	12.694	105	544992	48.878	ug/l	100
74) N-amyl acetate	12.494	43	237200	49.012	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	150053	47.404	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	128425m	46.173	ug/l	
77) Bromobenzene	12.982	156	120883	46.210	ug/l	100
78) n-propylbenzene	13.035	91	631144	48.958	ug/l	99
79) 2-Chlorotoluene	13.123	91	389648	46.644	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	456391	48.588	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	58079	49.250	ug/l	97
82) 4-Chlorotoluene	13.223	91	393576	46.377	ug/l	99
83) tert-Butylbenzene	13.435	119	407941	48.849	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	468847	49.589	ug/l	99
85) sec-Butylbenzene	13.617	105	553718	49.885	ug/l	99
86) p-Isopropyltoluene	13.729	119	466801	50.351	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	233063	45.896	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	234274	44.899	ug/l	100
89) n-Butylbenzene	14.053	91	414711	50.854	ug/l	99
90) Hexachloroethane	14.335	117	87568	48.525	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	229354	46.901	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33296	48.500	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	125511	45.260	ug/l	99
94) Hexachlorobutadiene	15.500	225	52573	47.340	ug/l	98
95) Naphthalene	15.641	128	418479	46.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	120572	43.525	ug/l	99

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

