

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083657.D
 Acq On : 04 Sep 2024 18:18
 Operator : JC\MD
 Sample : VN0904WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Sep 05 02:29:54 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	169265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132329	55.938	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.880%			
35) Dibromofluoromethane	8.165	113	96659	53.846	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.700%			
50) Toluene-d8	10.565	98	347403	49.649	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.300%			
62) 4-Bromofluorobenzene	12.847	95	140186	54.135	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34014	18.987	ug/l	97
3) Chloromethane	2.359	50	36861	17.664	ug/l	96
4) Vinyl Chloride	2.512	62	37071	17.750	ug/l	100
5) Bromomethane	2.901	94	20471	18.646	ug/l	95
6) Chloroethane	3.071	64	25118	18.405	ug/l	96
7) Trichlorofluoromethane	3.465	101	63798	18.550	ug/l	96
8) Diethyl Ether	3.947	74	23192	18.863	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.347	101	34150	18.309	ug/l	98
10) Methyl Iodide	4.577	142	45909	18.196	ug/l	93
11) Tert butyl alcohol	5.542	59	35013	94.926	ug/l	98
12) 1,1-Dichloroethene	4.330	96	33122	17.862	ug/l	93
13) Acrolein	4.165	56	31819	91.183	ug/l	99
14) Allyl chloride	5.012	41	59384	17.962	ug/l	98
15) Acrylonitrile	5.718	53	88489	97.280	ug/l	98
16) Acetone	4.424	43	76058	80.623	ug/l	99
17) Carbon Disulfide	4.695	76	82514	15.270	ug/l	96
18) Methyl Acetate	5.024	43	46673	18.603	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	128474	19.532	ug/l	99
20) Methylene Chloride	5.265	84	38815	18.632	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	34544	17.884	ug/l	97
22) Diisopropyl ether	6.671	45	124588	19.111	ug/l	98
23) Vinyl Acetate	6.600	43	460567	95.332	ug/l	99
24) 1,1-Dichloroethane	6.565	63	69731	18.757	ug/l	98
25) 2-Butanone	7.483	43	117321	91.341	ug/l	100
26) 2,2-Dichloropropane	7.488	77	58775	16.981	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	43184	18.736	ug/l	100
28) Bromochloromethane	7.812	49	33613	19.362	ug/l	99
29) Tetrahydrofuran	7.841	42	76865	96.479	ug/l	99
30) Chloroform	7.959	83	75223	19.205	ug/l	95
31) Cyclohexane	8.253	56	63106	17.245	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	67833	19.152	ug/l	99
36) 1,1-Dichloropropene	8.371	75	50962	18.612	ug/l	98
37) Ethyl Acetate	7.553	43	52430	19.240	ug/l	98
38) Carbon Tetrachloride	8.359	117	59072	18.909	ug/l	96
39) Methylcyclohexane	9.600	83	57035	17.359	ug/l	96
40) Benzene	8.600	78	155463	18.457	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28618	18.404	ug/l	98
42) 1,2-Dichloroethane	8.671	62	59672	19.112	ug/l	100
43) Isopropyl Acetate	8.688	43	89342	15.524	ug/l	97
44) Trichloroethene	9.347	130	35548	17.544	ug/l	98
45) 1,2-Dichloropropane	9.618	63	37186	18.952	ug/l	95
46) Dibromomethane	9.706	93	26806	18.518	ug/l	97
47) Bromodichloromethane	9.888	83	58518	18.991	ug/l	97
48) Methyl methacrylate	9.682	41	41850	18.724	ug/l	94
49) 1,4-Dioxane	9.700	88	14351	391.854	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	252241	99.566	ug/l	99
52) Toluene	10.629	92	96578	18.334	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	57816	18.125	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	60139	17.961	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	35461	18.860	ug/l	92
56) Ethyl methacrylate	10.871	69	60715	19.520	ug/l	97
57) 1,3-Dichloropropane	11.159	76	63853	19.183	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	111695	82.643	ug/l	100
59) 2-Hexanone	11.194	43	185418	97.524	ug/l	99
60) Dibromochloromethane	11.359	129	40723	18.692	ug/l	98
61) 1,2-Dibromoethane	11.471	107	35512	18.487	ug/l	99
64) Tetrachloroethene	11.100	164	30309	17.390	ug/l	96
65) Chlorobenzene	11.888	112	103864	17.466	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	35355	17.609	ug/l	96
67) Ethyl Benzene	11.965	91	184985	17.427	ug/l	99
68) m/p-Xylenes	12.070	106	135725	33.941	ug/l	98
69) o-Xylene	12.394	106	67503	17.466	ug/l	99
70) Styrene	12.412	104	110956	17.074	ug/l	99
71) Bromoform	12.576	173	25290	17.684	ug/l #	97
73) Isopropylbenzene	12.694	105	175272	16.579	ug/l	100
74) N-amyl acetate	12.494	43	77962	16.991	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	53575	17.851	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	44087m	16.718	ug/l	
77) Bromobenzene	12.982	156	39818	16.054	ug/l	99
78) n-propylbenzene	13.035	91	197883	16.190	ug/l	98
79) 2-Chlorotoluene	13.123	91	126757	16.004	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	148162	16.637	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17237	15.417	ug/l	93
82) 4-Chlorotoluene	13.217	91	125680	15.620	ug/l	100
83) tert-Butylbenzene	13.435	119	131314	16.585	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	146372	16.329	ug/l	99
85) sec-Butylbenzene	13.617	105	167746	15.940	ug/l	99
86) p-Isopropyltoluene	13.729	119	141797	16.132	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	72428	15.043	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	72395	14.634	ug/l	97
89) n-Butylbenzene	14.053	91	115070	14.883	ug/l	100
90) Hexachloroethane	14.335	117	27544	16.099	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	73160	15.779	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11135	17.107	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	35343	13.442	ug/l	98
94) Hexachlorobutadiene	15.500	225	15049	14.293	ug/l	96
95) Naphthalene	15.641	128	119459	14.141	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	34313	13.064	ug/l	97

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

