

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083642.D
 Acq On : 04 Sep 2024 12:18
 Operator : JC\MD
 Sample : VN0904WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 05 01:53:16 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	154062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132263	61.427	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.860%			
35) Dibromofluoromethane	8.165	113	94023	58.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.300%			
50) Toluene-d8	10.565	98	342596	54.248	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.500%			
62) 4-Bromofluorobenzene	12.847	95	135843	58.238	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 116.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	33254	20.395	ug/l	100
3) Chloromethane	2.359	50	35233	18.550	ug/l	100
4) Vinyl Chloride	2.518	62	36048	18.964	ug/l	99
5) Bromomethane	2.901	94	20670	20.685	ug/l	99
6) Chloroethane	3.065	64	24701	19.885	ug/l #	87
7) Trichlorofluoromethane	3.465	101	63626	20.325	ug/l	95
8) Diethyl Ether	3.953	74	24219	21.642	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	35024	20.631	ug/l	98
10) Methyl Iodide	4.577	142	45440	19.787	ug/l #	94
11) Tert butyl alcohol	5.542	59	36308	108.150	ug/l	98
12) 1,1-Dichloroethene	4.330	96	32933	19.513	ug/l	95
13) Acrolein	4.177	56	33128	104.303	ug/l	100
14) Allyl chloride	5.012	41	60239	20.018	ug/l	98
15) Acrylonitrile	5.712	53	88332	106.690	ug/l	98
16) Acetone	4.424	43	88162	102.676	ug/l	93
17) Carbon Disulfide	4.700	76	83936	17.066	ug/l	99
18) Methyl Acetate	5.024	43	49860	21.835	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	133571	22.311	ug/l	100
20) Methylene Chloride	5.265	84	38364	20.233	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	34179	19.441	ug/l	94
22) Diisopropyl ether	6.671	45	126866	21.381	ug/l	98
23) Vinyl Acetate	6.600	43	468898	106.634	ug/l	100
24) 1,1-Dichloroethane	6.559	63	69450	20.525	ug/l	97
25) 2-Butanone	7.483	43	123888	105.972	ug/l	97
26) 2,2-Dichloropropane	7.483	77	65676	20.847	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	44132	21.037	ug/l	99
28) Bromochloromethane	7.812	49	33544	21.229	ug/l	100
29) Tetrahydrofuran	7.836	42	77226	106.498	ug/l	98
30) Chloroform	7.959	83	75041	21.049	ug/l	98
31) Cyclohexane	8.253	56	64661	19.414	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	69547	21.574	ug/l	97
36) 1,1-Dichloropropene	8.365	75	49041	19.884	ug/l	99
37) Ethyl Acetate	7.559	43	52624	21.439	ug/l	99
38) Carbon Tetrachloride	8.359	117	57616	20.475	ug/l	97
39) Methylcyclohexane	9.594	83	58643	19.815	ug/l	94
40) Benzene	8.600	78	157445	20.752	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	30258	21.602	ug/l	97
42) 1,2-Dichloroethane	8.665	62	60057	21.355	ug/l	99
43) Isopropyl Acetate	8.688	43	104518	20.523	ug/l	98
44) Trichloroethene	9.347	130	36403	19.946	ug/l	98
45) 1,2-Dichloropropane	9.618	63	39057	22.099	ug/l	96
46) Dibromomethane	9.706	93	29031	22.265	ug/l	97
47) Bromodichloromethane	9.888	83	60572	21.823	ug/l	97
48) Methyl methacrylate	9.677	41	43945	21.828	ug/l	96
49) 1,4-Dioxane	9.694	88	15648	474.342	ug/l #	98
51) 4-Methyl-2-Pentanone	10.441	43	250614	109.823	ug/l	99
52) Toluene	10.629	92	97506	20.549	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	61211	21.303	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	64939	21.532	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	37087	21.898	ug/l	97
56) Ethyl methacrylate	10.871	69	62916	22.456	ug/l	99
57) 1,3-Dichloropropane	11.159	76	65941	21.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	121907	100.136	ug/l	100
59) 2-Hexanone	11.194	43	186752	109.048	ug/l	98
60) Dibromochloromethane	11.359	129	42855	21.838	ug/l	100
61) 1,2-Dibromoethane	11.471	107	36767	21.249	ug/l	98
64) Tetrachloroethene	11.100	164	31200	19.978	ug/l	94
65) Chlorobenzene	11.894	112	103791	19.479	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	36770	20.439	ug/l	97
67) Ethyl Benzene	11.959	91	186815	19.641	ug/l	98
68) m/p-Xylenes	12.071	106	135442	37.800	ug/l	98
69) o-Xylene	12.394	106	67896	19.606	ug/l	99
70) Styrene	12.412	104	111415	19.134	ug/l	97
71) Bromoform	12.576	173	26742	20.869	ug/l #	99
73) Isopropylbenzene	12.694	105	176139	18.575	ug/l	99
74) N-amyl acetate	12.494	43	81395	19.776	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	53394	19.834	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	45419m	19.201	ug/l	
77) Bromobenzene	12.976	156	41115	18.481	ug/l	98
78) n-propylbenzene	13.035	91	200193	18.260	ug/l	99
79) 2-Chlorotoluene	13.123	91	128586	18.100	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	148817	18.629	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18902	18.847	ug/l	93
82) 4-Chlorotoluene	13.218	91	129451	17.936	ug/l	100
83) tert-Butylbenzene	13.435	119	132675	18.681	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	151829	18.882	ug/l	98
85) sec-Butylbenzene	13.612	105	172893	18.315	ug/l	99
86) p-Isopropyltoluene	13.729	119	143001	18.137	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	74787	17.317	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	77062	17.366	ug/l	99
89) n-Butylbenzene	14.053	91	125762	18.133	ug/l	99
90) Hexachloroethane	14.335	117	27740	18.075	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	77321	18.592	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11138	19.077	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	40676	17.247	ug/l	97
94) Hexachlorobutadiene	15.500	225	16896	17.890	ug/l	98
95) Naphthalene	15.641	128	136245	17.981	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	39204	16.641	ug/l	98

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

