

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083687.D
 Acq On : 05 Sep 2024 19:51
 Operator : JC\MD
 Sample : P3815-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OWBR-05-134.8-083024MSD

Quant Time: Sep 06 02:23:41 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/06/2024
 Supervised By :Semsettin Yesilyurt 09/06/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	143571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	252045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	125311	62.451	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.900%			
35) Dibromofluoromethane	8.165	113	89860	59.235	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.480%			
50) Toluene-d8	10.565	98	333995	56.326	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.660%			
62) 4-Bromofluorobenzene	12.847	95	132843	60.703	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 121.400%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	94251	62.028	ug/l	97
3) Chloromethane	2.359	50	100884	56.995	ug/l	99
4) Vinyl Chloride	2.512	62	104449	58.962	ug/l	99
5) Bromomethane	2.900	94	55328	59.413	ug/l	97
6) Chloroethane	3.071	64	66742	57.657	ug/l	97
7) Trichlorofluoromethane	3.471	101	170454	58.430	ug/l	99
8) Diethyl Ether	3.953	74	59110	56.680	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	88332	55.833	ug/l	98
10) Methyl Iodide	4.577	142	123458	57.689	ug/l	97
11) Tert butyl alcohol	5.536	59	93007	297.283	ug/l	99
12) 1,1-Dichloroethene	4.324	96	271306	172.494	ug/l	98
13) Acrolein	4.177	56	77014	260.195	ug/l	96
14) Allyl chloride	5.012	41	152731	54.463	ug/l	98
15) Acrylonitrile	5.718	53	222548	288.443	ug/l	99
16) Acetone	4.430	43	203810	254.708	ug/l	99
17) Carbon Disulfide	4.700	76	285566	62.303	ug/l	99
18) Methyl Acetate	5.024	43	99490	46.753	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	320440	57.435	ug/l	98
20) Methylene Chloride	5.271	84	97447	55.148	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	108004	65.923	ug/l	96
22) Diisopropyl ether	6.671	45	318495	57.599	ug/l	98
23) Vinyl Acetate	6.600	43	1132266	276.309	ug/l	99
24) 1,1-Dichloroethane	6.559	63	204485	64.847	ug/l	99
25) 2-Butanone	7.482	43	301558	276.796	ug/l	100
26) 2,2-Dichloropropane	7.482	77	138885	47.306	ug/l	87
27) cis-1,2-Dichloroethene	7.482	96	275899	141.124	ug/l	92
28) Bromochloromethane	7.812	49	74904	50.868	ug/l	100
29) Tetrahydrofuran	7.835	42	198540	293.801	ug/l	99
30) Chloroform	7.965	83	193567	58.264	ug/l	99
31) Cyclohexane	8.253	56	160827	51.815	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	178501	59.418	ug/l	100
36) 1,1-Dichloropropene	8.371	75	132809	57.396	ug/l	99
37) Ethyl Acetate	7.559	43	123375	53.575	ug/l	98
38) Carbon Tetrachloride	8.359	117	154027	58.342	ug/l	98
39) Methylcyclohexane	9.600	83	153680	55.348	ug/l	100
40) Benzene	8.600	78	405023	56.901	ug/l	100

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41) Methacrylonitrile	7.777	41	74355	56.581	ug/l	99
42) 1,2-Dichloroethane	8.665	62	167185	63.363	ug/l	100
43) Isopropyl Acetate	8.688	43	221507	47.883	ug/l	96
44) Trichloroethene	9.353	130	133945	78.225	ug/l	97
45) 1,2-Dichloropropane	9.623	63	95225	57.429	ug/l	97
46) Dibromomethane	9.712	93	71346	58.323	ug/l	99
47) Bromodichloromethane	9.888	83	149997	57.602	ug/l	99
48) Methyl methacrylate	9.676	41	112043	59.319	ug/l	98
49) 1,4-Dioxane	9.694	88	39599	1279.458	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	638668	298.313	ug/l	99
52) Toluene	10.629	92	253915	57.037	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	151647	56.254	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	156661	55.366	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	92071	57.945	ug/l	96
56) Ethyl methacrylate	10.870	69	157989	60.104	ug/l	97
57) 1,3-Dichloropropane	11.165	76	163454	58.106	ug/l	99
59) 2-Hexanone	11.194	43	471176	293.254	ug/l	99
60) Dibromochloromethane	11.359	129	109986	59.739	ug/l	99
61) 1,2-Dibromoethane	11.470	107	94521	58.226	ug/l	99
64) Tetrachloroethene	11.106	164	78034	51.792	ug/l	97
65) Chlorobenzene	11.888	112	265962	51.737	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	93072	53.625	ug/l	97
67) Ethyl Benzene	11.965	91	492532	53.675	ug/l	98
68) m/p-Xylenes	12.070	106	367180	106.219	ug/l	99
69) o-Xylene	12.400	106	179702	53.786	ug/l	100
70) Styrene	12.412	104	301877	53.737	ug/l	100
71) Bromoform	12.576	173	68746	55.609	ug/l #	99
73) Isopropylbenzene	12.694	105	472746	52.732	ug/l	99
74) N-amyl acetate	12.494	43	194230	49.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	134323	52.777	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	116448m	52.071	ug/l	
77) Bromobenzene	12.982	156	106334	50.556	ug/l	99
78) n-propylbenzene	13.035	91	540844	52.179	ug/l	99
79) 2-Chlorotoluene	13.123	91	337940	50.314	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	396712	52.528	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	45253	47.727	ug/l	97
82) 4-Chlorotoluene	13.223	91	338471	49.604	ug/l	99
83) tert-Butylbenzene	13.441	119	349691	52.080	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	399907	52.606	ug/l	99
85) sec-Butylbenzene	13.617	105	469247	52.579	ug/l	99
86) p-Isopropyltoluene	13.729	119	393042	52.728	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	198484	48.613	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	197696	47.123	ug/l	100
89) n-Butylbenzene	14.053	91	328099	50.039	ug/l	100
90) Hexachloroethane	14.335	117	75123	51.775	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	199597	50.764	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29562	53.556	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	102889	46.146	ug/l	99
94) Hexachlorobutadiene	15.500	225	41996	47.033	ug/l	98
95) Naphthalene	15.641	128	349547	48.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	98988	44.443	ug/l	99

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

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