

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084235.D
 Acq On : 01 Oct 2024 13:30
 Operator : JC\MD
 Sample : VN1001WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

Quant Time: Oct 02 02:01:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114498	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126723	55.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.580%	
35) Dibromofluoromethane	8.165	113	94618	52.818	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.640%	
50) Toluene-d8	10.565	98	361306	54.821	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.640%	
62) 4-Bromofluorobenzene	12.847	95	127900	53.268	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	35268	19.287	ug/l	94
3) Chloromethane	2.359	50	40663	19.476	ug/l	97
4) Vinyl Chloride	2.518	62	40194	19.874	ug/l	93
5) Bromomethane	2.959	94	24937	18.693	ug/l	99
6) Chloroethane	3.124	64	24375	16.829	ug/l	90
7) Trichlorofluoromethane	3.500	101	60416	19.184	ug/l	97
8) Diethyl Ether	3.965	74	20906	17.899	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	34452	19.092	ug/l	97
10) Methyl Iodide	4.595	142	44389	19.101	ug/l	97
11) Tert butyl alcohol	5.524	59	35699	94.456	ug/l	100
12) 1,1-Dichloroethene	4.342	96	32911	18.908	ug/l	97
13) Acrolein	4.183	56	43613	100.517	ug/l	98
14) Allyl chloride	5.030	41	54472	18.020	ug/l	97
15) Acrylonitrile	5.724	53	96821	101.445	ug/l	100
16) Acetone	4.424	43	92954	94.405	ug/l	96
17) Carbon Disulfide	4.712	76	98536	17.881	ug/l	99
18) Methyl Acetate	5.030	43	41997	19.569	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	112317	19.119	ug/l	99
20) Methylene Chloride	5.277	84	38928	19.449	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	35417	19.422	ug/l	96
22) Diisopropyl ether	6.671	45	123933	19.821	ug/l	99
23) Vinyl Acetate	6.606	43	454505	98.005	ug/l	98
24) 1,1-Dichloroethane	6.571	63	69515	19.881	ug/l	99
25) 2-Butanone	7.483	43	132470	98.779	ug/l	97
26) 2,2-Dichloropropane	7.488	77	59324	18.817	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	41842	18.988	ug/l	99
28) Bromochloromethane	7.818	49	30135	19.316	ug/l	98
29) Tetrahydrofuran	7.841	42	80829	97.667	ug/l	98
30) Chloroform	7.965	83	71025	19.555	ug/l	94
31) Cyclohexane	8.253	56	60908	17.940	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	64185	19.676	ug/l	98
36) 1,1-Dichloropropene	8.371	75	50414	19.375	ug/l	98
37) Ethyl Acetate	7.565	43	50389	18.876	ug/l	99
38) Carbon Tetrachloride	8.359	117	55675	19.506	ug/l	96
39) Methylcyclohexane	9.600	83	52414	18.099	ug/l	98
40) Benzene	8.606	78	156062	19.250	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28829	19.893	ug/l	97
42) 1,2-Dichloroethane	8.671	62	55593	20.227	ug/l	99
43) Isopropyl Acetate	8.688	43	86594	16.561	ug/l	99
44) Trichloroethene	9.353	130	36772	19.420	ug/l	91
45) 1,2-Dichloropropane	9.618	63	38220	19.929	ug/l	99
46) Dibromomethane	9.706	93	26733	20.656	ug/l	99
47) Bromodichloromethane	9.888	83	56413	19.619	ug/l	100
48) Methyl methacrylate	9.682	41	40756	19.581	ug/l	99
49) 1,4-Dioxane	9.694	88	15169	395.861	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	260273	102.420	ug/l	98
52) Toluene	10.629	92	97578	19.738	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	56086	19.135	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	62004	19.667	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	36379	20.527	ug/l	94
56) Ethyl methacrylate	10.876	69	56987	19.541	ug/l	99
57) 1,3-Dichloropropane	11.165	76	62854	19.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	131080	96.895	ug/l	100
59) 2-Hexanone	11.194	43	191740	100.950	ug/l	98
60) Dibromochloromethane	11.359	129	42099	20.105	ug/l	100
61) 1,2-Dibromoethane	11.465	107	34703	18.844	ug/l	97
64) Tetrachloroethene	11.106	164	31969	19.050	ug/l	98
65) Chlorobenzene	11.888	112	102297	19.149	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	35557	19.324	ug/l	98
67) Ethyl Benzene	11.965	91	174910	18.514	ug/l	97
68) m/p-Xylenes	12.071	106	133109	38.088	ug/l	99
69) o-Xylene	12.400	106	63552	19.221	ug/l	97
70) Styrene	12.412	104	108015	19.287	ug/l	99
71) Bromoform	12.582	173	26417	19.500	ug/l #	100
73) Isopropylbenzene	12.694	105	162233	18.568	ug/l	100
74) N-amyl acetate	12.494	43	74067	18.720	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	51043	19.429	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	50508m	21.608	ug/l	
77) Bromobenzene	12.976	156	39266	18.631	ug/l	99
78) n-propylbenzene	13.035	91	195365	19.299	ug/l	100
79) 2-Chlorotoluene	13.123	91	122436	18.954	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	139576	19.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	18015	18.477	ug/l	99
82) 4-Chlorotoluene	13.217	91	123985	19.067	ug/l	100
83) tert-Butylbenzene	13.435	119	118997	18.785	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	140978	19.636	ug/l	100
85) sec-Butylbenzene	13.617	105	163365	19.326	ug/l	99
86) p-Isopropyltoluene	13.729	119	132899	19.013	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	73659	18.630	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	72842	18.244	ug/l	99
89) n-Butylbenzene	14.053	91	110791	17.480	ug/l	99
90) Hexachloroethane	14.335	117	25303	17.834	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	71347	18.404	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10648	19.640	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	33192	17.382	ug/l	99
94) Hexachlorobutadiene	15.500	225	15506	16.283	ug/l	95
95) Naphthalene	15.641	128	103172	16.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	32549	17.029	ug/l	98

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

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