

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110624\
 Data File : VN084713.D
 Acq On : 06 Nov 2024 16:02
 Operator : JC\MD
 Sample : VN1106WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBSD02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2024
 Supervised By :Mahesh Dadoda 11/07/2024

Quant Time: Nov 07 00:20:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	186152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	316813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120125	44.678	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.360%
35) Dibromofluoromethane	8.159	113	97313	45.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.760%
50) Toluene-d8	10.565	98	354613	44.891	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.780%
62) 4-Bromofluorobenzene	12.847	95	137855	46.694	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36637	17.120	ug/l	92
3) Chloromethane	2.359	50	39674	13.985	ug/l	97
4) Vinyl Chloride	2.512	62	37444	16.268	ug/l	96
5) Bromomethane	2.901	94	20945	17.175	ug/l	99
6) Chloroethane	3.071	64	25802	17.195	ug/l	93
7) Trichlorofluoromethane	3.465	101	65508	17.278	ug/l	99
8) Diethyl Ether	3.953	74	23340	17.451	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	37056	17.297	ug/l	97
10) Methyl Iodide	4.571	142	51914	18.131	ug/l	95
11) Tert butyl alcohol	5.542	59	32568	91.768	ug/l	100
12) 1,1-Dichloroethene	4.330	96	35627	16.806	ug/l	89
13) Acrolein	4.177	56	35841	101.277	ug/l	99
14) Allyl chloride	5.006	41	57728	16.792	ug/l	92
15) Acrylonitrile	5.718	53	93932	91.426	ug/l	98
16) Acetone	4.430	43	82312	104.321	ug/l	92
17) Carbon Disulfide	4.700	76	95154	14.576	ug/l	99
18) Methyl Acetate	5.018	43	51345	15.330	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	117112	18.024	ug/l	97
20) Methylene Chloride	5.265	84	41076	17.370	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	36342	16.696	ug/l	98
22) Diisopropyl ether	6.671	45	123591	18.092	ug/l	97
23) Vinyl Acetate	6.600	43	426709	90.580	ug/l	98
24) 1,1-Dichloroethane	6.565	63	72109	17.582	ug/l	100
25) 2-Butanone	7.483	43	120349	95.945	ug/l	99
26) 2,2-Dichloropropane	7.488	77	62635	17.547	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	44505	17.510	ug/l	97
28) Bromochloromethane	7.812	49	40282	24.652	ug/l	92
29) Tetrahydrofuran	7.841	42	75200	90.368	ug/l	97
30) Chloroform	7.965	83	73967	17.719	ug/l	92
31) Cyclohexane	8.253	56	61381	16.536	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	68211	17.953	ug/l	100
36) 1,1-Dichloropropene	8.365	75	49440	16.624	ug/l	97
37) Ethyl Acetate	7.559	43	46885	17.375	ug/l	98
38) Carbon Tetrachloride	8.359	117	58845	17.702	ug/l	94
39) Methylcyclohexane	9.600	83	51630	17.064	ug/l	98
40) Benzene	8.606	78	165068	17.283	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	25556	17.612	ug/l	93
42) 1,2-Dichloroethane	8.671	62	55308	17.880	ug/l	99
43) Isopropyl Acetate	8.688	43	91023	17.635	ug/l	100
44) Trichloroethene	9.353	130	37552	17.048	ug/l	99
45) 1,2-Dichloropropane	9.624	63	40655	18.145	ug/l	99
46) Dibromomethane	9.706	93	28476	18.012	ug/l	99
47) Bromodichloromethane	9.888	83	59302	17.795	ug/l	98
48) Methyl methacrylate	9.682	41	37983	18.087	ug/l	97
49) 1,4-Dioxane	9.694	88	14205	381.708	ug/l #	77
51) 4-Methyl-2-Pentanone	10.441	43	248625	96.653	ug/l	100
52) Toluene	10.629	92	100115	17.923	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	56947	16.508	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	62359	17.080	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	38263	18.184	ug/l	96
56) Ethyl methacrylate	10.876	69	58043	19.071	ug/l	96
57) 1,3-Dichloropropane	11.159	76	63539	17.595	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	135858	95.393	ug/l	96
59) 2-Hexanone	11.194	43	182661	97.556	ug/l	98
60) Dibromochloromethane	11.359	129	45215	18.854	ug/l	100
61) 1,2-Dibromoethane	11.465	107	37110	17.222	ug/l	98
64) Tetrachloroethene	11.100	164	32835	17.596	ug/l	96
65) Chlorobenzene	11.888	112	109280	17.412	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	39279	17.993	ug/l	99
67) Ethyl Benzene	11.965	91	182078	17.380	ug/l	97
68) m/p-Xylenes	12.070	106	142230	35.861	ug/l	98
69) o-Xylene	12.400	106	69398	18.705	ug/l	97
70) Styrene	12.412	104	115400	17.830	ug/l	99
71) Bromoform	12.576	173	30502	18.569	ug/l #	100
73) Isopropylbenzene	12.694	105	172235	17.694	ug/l	99
74) N-amyl acetate	12.494	43	72727	17.554	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	56511	17.393	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	52932m	19.064	ug/l	
77) Bromobenzene	12.976	156	44572	17.033	ug/l	93
78) n-propylbenzene	13.035	91	197358	17.302	ug/l	98
79) 2-Chlorotoluene	13.123	91	132994	17.844	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	150981	18.714	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19657	16.795	ug/l	94
82) 4-Chlorotoluene	13.217	91	130377	16.622	ug/l	97
83) tert-Butylbenzene	13.435	119	127049	19.028	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	155422	18.666	ug/l	100
85) sec-Butylbenzene	13.617	105	167117	17.719	ug/l	99
86) p-Isopropyltoluene	13.729	119	141089	18.240	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	82965	16.246	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	81048	16.570	ug/l	98
89) n-Butylbenzene	14.053	91	111426	15.400	ug/l	99
90) Hexachloroethane	14.335	117	28614	16.588	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	80627	16.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10768	16.359	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	36757	13.685	ug/l	97
94) Hexachlorobutadiene	15.500	225	18544	15.721	ug/l	97
95) Naphthalene	15.641	128	114016	14.181	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	36335	13.935	ug/l	99

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

