

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110624\
 Data File : VN084706.D
 Acq On : 06 Nov 2024 13:14
 Operator : JC\MD
 Sample : VN1106WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 00:45:38 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	167841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130671	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119087	49.124	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.240%
35) Dibromofluoromethane	8.165	113	94740	48.236	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	10.565	98	345977	47.819	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.640%
62) 4-Bromofluorobenzene	12.847	95	133356	49.318	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35519	18.409	ug/l	92
3) Chloromethane	2.359	50	39671	15.798	ug/l	98
4) Vinyl Chloride	2.512	62	38601	18.601	ug/l	93
5) Bromomethane	2.901	94	20010	18.199	ug/l	96
6) Chloroethane	3.071	64	25005	18.589	ug/l	100
7) Trichlorofluoromethane	3.465	101	65228	19.081	ug/l	94
8) Diethyl Ether	3.954	74	23456	19.451	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.348	101	37082	19.197	ug/l	99
10) Methyl Iodide	4.583	142	50370	19.511	ug/l	99
11) Tert butyl alcohol	5.548	59	31923	99.764	ug/l	99
12) 1,1-Dichloroethene	4.324	96	34528	18.065	ug/l	95
13) Acrolein	4.177	56	36754	115.187	ug/l	96
14) Allyl chloride	5.012	41	57818	18.653	ug/l	93
15) Acrylonitrile	5.712	53	91492	98.766	ug/l	97
16) Acetone	4.424	43	71992	101.109	ug/l	96
17) Carbon Disulfide	4.706	76	97210	16.515	ug/l	100
18) Methyl Acetate	5.018	43	49168	16.551	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	118162	20.170	ug/l	98
20) Methylene Chloride	5.271	84	40570	19.028	ug/l #	90
21) trans-1,2-Dichloroethene	5.783	96	35812	18.247	ug/l	93
22) Diisopropyl ether	6.665	45	122447	19.880	ug/l	97
23) Vinyl Acetate	6.600	43	416993	98.174	ug/l	98
24) 1,1-Dichloroethane	6.553	63	70719	19.124	ug/l	98
25) 2-Butanone	7.483	43	109868	97.146	ug/l	93
26) 2,2-Dichloropropane	7.489	77	62418	19.394	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	44521	19.427	ug/l	96
28) Bromochloromethane	7.806	49	31754	21.553	ug/l	91
29) Tetrahydrofuran	7.841	42	73723	98.258	ug/l	97
30) Chloroform	7.959	83	73745	19.594	ug/l	98
31) Cyclohexane	8.253	56	61238	18.297	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	67269	19.637	ug/l	97
36) 1,1-Dichloropropene	8.365	75	48607	17.844	ug/l	98
37) Ethyl Acetate	7.559	43	47235	19.112	ug/l	99
38) Carbon Tetrachloride	8.359	117	57771	18.974	ug/l	98
39) Methylcyclohexane	9.600	83	50195	18.113	ug/l	96
40) Benzene	8.606	78	160359	18.331	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	25599	19.261	ug/l	95
42) 1,2-Dichloroethane	8.671	62	53611	18.923	ug/l	98
43) Isopropyl Acetate	8.688	43	89875	19.088	ug/l	99
44) Trichloroethene	9.347	130	37499	18.587	ug/l	100
45) 1,2-Dichloropropane	9.618	63	37737	18.389	ug/l	98
46) Dibromomethane	9.706	93	27245	18.815	ug/l	93
47) Bromodichloromethane	9.888	83	58359	19.119	ug/l #	99
48) Methyl methacrylate	9.683	41	36817	19.141	ug/l	97
49) 1,4-Dioxane	9.694	88	13552	397.596	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	234693	99.614	ug/l	99
52) Toluene	10.630	92	99678	19.483	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	57365	18.156	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	60654	18.138	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	37144	19.273	ug/l	97
56) Ethyl methacrylate	10.871	69	57639	20.677	ug/l #	92
57) 1,3-Dichloropropane	11.159	76	64223	19.417	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	145654	111.661	ug/l	98
59) 2-Hexanone	11.194	43	171790	100.174	ug/l	98
60) Dibromochloromethane	11.359	129	44898	20.441	ug/l	99
61) 1,2-Dibromoethane	11.465	107	38204	19.358	ug/l	100
64) Tetrachloroethene	11.106	164	32029	18.944	ug/l	90
65) Chlorobenzene	11.888	112	104596	18.394	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	38349	19.388	ug/l	100
67) Ethyl Benzene	11.959	91	177536	18.704	ug/l	99
68) m/p-Xylenes	12.071	106	138023	38.408	ug/l	99
69) o-Xylene	12.394	106	67567	20.099	ug/l	100
70) Styrene	12.412	104	116094	19.797	ug/l	98
71) Bromoform	12.576	173	29909	20.095	ug/l #	99
73) Isopropylbenzene	12.694	105	170294	18.597	ug/l	100
74) N-amyl acetate	12.494	43	72260	18.540	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	55595	18.189	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	51918m	19.876	ug/l	
77) Bromobenzene	12.982	156	46511	18.894	ug/l	88
78) n-propylbenzene	13.035	91	198220	18.472	ug/l	99
79) 2-Chlorotoluene	13.124	91	127993	18.255	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	150593	19.842	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18952	17.213	ug/l	95
82) 4-Chlorotoluene	13.218	91	131525	17.825	ug/l	98
83) tert-Butylbenzene	13.435	119	126120	20.079	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	149881	19.134	ug/l	100
85) sec-Butylbenzene	13.612	105	166089	18.719	ug/l	99
86) p-Isopropyltoluene	13.729	119	140022	19.242	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	81900	17.048	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82846	18.087	ug/l	100
89) n-Butylbenzene	14.053	91	117157	17.212	ug/l	99
90) Hexachloroethane	14.329	117	27940	17.217	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	80849	17.513	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10595	17.111	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	39649	15.691	ug/l	97
94) Hexachlorobutadiene	15.500	225	17631	15.889	ug/l	99
95) Naphthalene	15.641	128	119907	15.854	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38916	15.865	ug/l	97

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

