

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
 Data File : VN084556.D
 Acq On : 29 Oct 2024 12:05
 Operator : JC\MD
 Sample : VN1029WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024

Quant Time: Oct 30 04:59:46 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	147044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	252203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109169	50.073	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.140%			
35) Dibromofluoromethane	8.165	113	89225	53.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.320%			
50) Toluene-d8	10.565	98	307058	50.196	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.400%			
62) 4-Bromofluorobenzene	12.847	95	114232	51.259	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33356	19.178	ug/l	92
3) Chloromethane	2.359	50	39785	20.033	ug/l	97
4) Vinyl Chloride	2.512	62	39686	20.630	ug/l	92
5) Bromomethane	2.906	94	19238	15.161	ug/l	95
6) Chloroethane	3.077	64	25498	18.507	ug/l	90
7) Trichlorofluoromethane	3.471	101	66494	22.197	ug/l	100
8) Diethyl Ether	3.959	74	23580	21.224	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	38177	22.242	ug/l	100
10) Methyl Iodide	4.577	142	47483	21.481	ug/l	92
11) Tert butyl alcohol	5.530	59	37279	103.698	ug/l	98
12) 1,1-Dichloroethene	4.330	96	35653	21.535	ug/l	96
13) Acrolein	4.171	56	41407	100.330	ug/l	100
14) Allyl chloride	5.018	41	62354	21.686	ug/l	91
15) Acrylonitrile	5.712	53	104111	114.681	ug/l	99
16) Acetone	4.430	43	105220	112.346	ug/l	94
17) Carbon Disulfide	4.700	76	93326	17.804	ug/l	98
18) Methyl Acetate	5.018	43	58826	28.818	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	125473	22.454	ug/l	99
20) Methylene Chloride	5.271	84	43060	22.617	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	37184	21.437	ug/l	92
22) Diisopropyl ether	6.671	45	135277	22.745	ug/l	95
23) Vinyl Acetate	6.600	43	472513	107.116	ug/l	100
24) 1,1-Dichloroethane	6.559	63	74230	22.318	ug/l	99
25) 2-Butanone	7.483	43	142455	111.675	ug/l	98
26) 2,2-Dichloropropane	7.489	77	66554	22.193	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	46706	22.283	ug/l	99
28) Bromochloromethane	7.812	49	26645	17.955	ug/l	96
29) Tetrahydrofuran	7.841	42	87845	111.591	ug/l	98
30) Chloroform	7.965	83	79055	22.882	ug/l	98
31) Cyclohexane	8.253	56	61646	19.089	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	69376	22.359	ug/l	98
36) 1,1-Dichloropropene	8.365	75	51147	21.178	ug/l	99
37) Ethyl Acetate	7.559	43	56147	22.661	ug/l	99
38) Carbon Tetrachloride	8.359	117	59041	22.286	ug/l	100
39) Methylcyclohexane	9.600	83	51788	19.267	ug/l	96
40) Benzene	8.600	78	169338	22.504	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	31125	23.139	ug/l	98
42) 1,2-Dichloroethane	8.665	62	57951	22.717	ug/l	100
43) Isopropyl Acetate	8.683	43	99728	20.550	ug/l	99
44) Trichloroethene	9.347	130	38163	21.715	ug/l	100
45) 1,2-Dichloropropane	9.618	63	41333	23.220	ug/l	96
46) Dibromomethane	9.706	93	29560	24.608	ug/l	98
47) Bromodichloromethane	9.888	83	62204	23.308	ug/l	99
48) Methyl methacrylate	9.677	41	41567	21.516	ug/l	99
49) 1,4-Dioxane	9.694	88	16278	457.685	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	279884	118.663	ug/l	100
52) Toluene	10.630	92	102582	22.356	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	60238	22.143	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	65653	22.437	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	41234	25.067	ug/l	94
56) Ethyl methacrylate	10.871	69	60688	22.421	ug/l	98
57) 1,3-Dichloropropane	11.159	76	67925	23.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	119027	94.796	ug/l	99
59) 2-Hexanone	11.194	43	209471	118.823	ug/l	99
60) Dibromochloromethane	11.359	129	47219	24.295	ug/l	96
61) 1,2-Dibromoethane	11.471	107	40815	23.879	ug/l	96
64) Tetrachloroethene	11.100	164	33241	21.567	ug/l	98
65) Chlorobenzene	11.888	112	109243	22.265	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	39433	23.333	ug/l	96
67) Ethyl Benzene	11.965	91	185989	21.435	ug/l	98
68) m/p-Xylenes	12.071	106	145407	45.302	ug/l	99
69) o-Xylene	12.400	106	68624	22.598	ug/l	100
70) Styrene	12.412	104	117830	22.908	ug/l	99
71) Bromoform	12.576	173	30969	24.890	ug/l #	97
73) Isopropylbenzene	12.694	105	171213	20.396	ug/l	98
74) N-amyl acetate	12.494	43	76551	20.138	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	60869	24.115	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	49882m	22.211	ug/l	
77) Bromobenzene	12.976	156	44543	21.998	ug/l	96
78) n-propylbenzene	13.035	91	205724	21.152	ug/l	100
79) 2-Chlorotoluene	13.123	91	132330	21.323	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	150119	21.923	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19765m	21.100	ug/l	
82) 4-Chlorotoluene	13.218	91	134542	21.536	ug/l	100
83) tert-Butylbenzene	13.435	119	128571	21.126	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	152818	22.154	ug/l	99
85) sec-Butylbenzene	13.618	105	173412	21.353	ug/l	99
86) p-Isopropyltoluene	13.729	119	143578	21.380	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	82122	21.619	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82511	21.510	ug/l	100
89) n-Butylbenzene	14.053	91	115001	18.885	ug/l	99
90) Hexachloroethane	14.329	117	28957	21.243	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	81915	21.993	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11947	22.936	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	37902	20.660	ug/l	98
94) Hexachlorobutadiene	15.500	225	18440	20.155	ug/l	99
95) Naphthalene	15.641	128	116953	19.229	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	38561	20.998	ug/l	99

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

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