

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083349.D
 Acq On : 16 Aug 2024 13:14
 Operator : JC\MD
 Sample : VN0816WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

Quant Time: Aug 17 01:44:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/19/2024
 Supervised By :Semsettin Yesilyurt 08/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	140127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110109	55.205	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.400%			
35) Dibromofluoromethane	8.171	113	79702	52.893	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.780%			
50) Toluene-d8	10.571	98	290051	51.602	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.200%			
62) 4-Bromofluorobenzene	12.847	95	111174	50.733	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30086	18.933	ug/l	99
3) Chloromethane	2.365	50	31002	19.056	ug/l	98
4) Vinyl Chloride	2.512	62	33615	20.250	ug/l	100
5) Bromomethane	2.954	94	20318	19.725	ug/l	93
6) Chloroethane	3.118	64	22655	21.814	ug/l	96
7) Trichlorofluoromethane	3.501	101	55615	20.280	ug/l	94
8) Diethyl Ether	3.959	74	20453	20.043	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	31466	20.812	ug/l	100
10) Methyl Iodide	4.589	142	29498	14.832	ug/l	95
11) Tert butyl alcohol	5.524	59	40538	97.799	ug/l	96
12) 1,1-Dichloroethene	4.342	96	28881	18.593	ug/l	95
13) Acrolein	4.183	56	18977	70.246	ug/l	96
14) Allyl chloride	5.024	41	56509	19.251	ug/l	88
15) Acrylonitrile	5.718	53	90996	106.742	ug/l	100
16) Acetone	4.430	43	83231	106.643	ug/l	94
17) Carbon Disulfide	4.712	76	72621	15.978	ug/l	100
18) Methyl Acetate	5.024	43	53442	22.983	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	118196	21.081	ug/l	95
20) Methylene Chloride	5.277	84	35678	19.863	ug/l	85
21) trans-1,2-Dichloroethene	5.789	96	31333	19.517	ug/l	93
22) Diisopropyl ether	6.677	45	116507	21.115	ug/l	96
23) Vinyl Acetate	6.606	43	568369m	100.496	ug/l	
24) 1,1-Dichloroethane	6.565	63	63266	21.036	ug/l	98
25) 2-Butanone	7.483	43	125332	104.585	ug/l #	90
26) 2,2-Dichloropropane	7.489	77	55809	19.981	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	38398	19.820	ug/l	96
28) Bromochloromethane	7.818	49	25880	21.056	ug/l	87
29) Tetrahydrofuran	7.841	42	81230	104.858	ug/l	89
30) Chloroform	7.965	83	67447	21.586	ug/l	97
31) Cyclohexane	8.259	56	52975	17.922	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	61913	20.933	ug/l	91
36) 1,1-Dichloropropene	8.371	75	45339	19.890	ug/l	99
37) Ethyl Acetate	7.559	43	52254	20.474	ug/l	97
38) Carbon Tetrachloride	8.365	117	52444	20.427	ug/l	97
39) Methylcyclohexane	9.600	83	51365	18.346	ug/l	94
40) Benzene	8.606	78	138327	20.371	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	27441	18.910	ug/l	93
42) 1,2-Dichloroethane	8.671	62	56219	22.727	ug/l	99
43) Isopropyl Acetate	8.688	43	88960	18.683	ug/l #	92
44) Trichloroethene	9.353	130	32625	20.185	ug/l	95
45) 1,2-Dichloropropane	9.624	63	35072	21.759	ug/l	91
46) Dibromomethane	9.706	93	25218	21.858	ug/l	98
47) Bromodichloromethane	9.894	83	53846	20.786	ug/l	99
48) Methyl methacrylate	9.683	41	41834	19.826	ug/l	92
49) 1,4-Dioxane	9.694	88	17167	450.968	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	265210	109.888	ug/l	93
52) Toluene	10.635	92	88199	20.557	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	53504	20.107	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	56590	19.994	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	34296	22.305	ug/l	97
56) Ethyl methacrylate	10.877	69	56528	19.502	ug/l	92
57) 1,3-Dichloropropane	11.165	76	60699	22.148	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	115412	94.195	ug/l	97
59) 2-Hexanone	11.200	43	197059	105.540	ug/l	93
60) Dibromochloromethane	11.359	129	39786	21.402	ug/l	99
61) 1,2-Dibromoethane	11.471	107	33831	20.945	ug/l	95
64) Tetrachloroethene	11.106	164	28652	20.189	ug/l	97
65) Chlorobenzene	11.894	112	95288	20.121	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	33891	20.292	ug/l	99
67) Ethyl Benzene	11.965	91	173211	19.938	ug/l	98
68) m/p-Xylenes	12.071	106	129341	39.745	ug/l	98
69) o-Xylene	12.400	106	62723	19.543	ug/l	98
70) Styrene	12.412	104	106981	19.846	ug/l	98
71) Bromoform	12.582	173	25533	20.180	ug/l #	99
73) Isopropylbenzene	12.694	105	163178	19.079	ug/l	99
74) N-amyl acetate	12.494	43	75438	18.032	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	49435	20.436	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	46628m	20.777	ug/l	
77) Bromobenzene	12.982	156	37985	19.993	ug/l	93
78) n-propylbenzene	13.035	91	195088	19.809	ug/l	99
79) 2-Chlorotoluene	13.124	91	123549	19.787	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	140264	19.589	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	16946	16.425	ug/l	98
82) 4-Chlorotoluene	13.223	91	121676	19.428	ug/l	98
83) tert-Butylbenzene	13.441	119	120759	19.043	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	141206	19.568	ug/l	99
85) sec-Butylbenzene	13.618	105	170318	19.684	ug/l	99
86) p-Isopropyltoluene	13.729	119	139904	19.583	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	69729	19.505	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	69786	19.363	ug/l	97
89) n-Butylbenzene	14.059	91	121256	19.588	ug/l	99
90) Hexachloroethane	14.335	117	24265	17.580	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	68116	19.690	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10407	17.729	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	36934	19.057	ug/l	99
94) Hexachlorobutadiene	15.500	225	16185	18.777	ug/l	94
95) Naphthalene	15.641	128	124877	18.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37551	19.581	ug/l	96

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

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