

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081930.D
 Acq On : 30 Apr 2024 14:53
 Operator : JC\MD
 Sample : VN0430WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 00:53:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	196162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	379815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146415	44.225	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.440%		
35) Dibromofluoromethane	8.165	113	106056	46.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.760%		
50) Toluene-d8	10.565	98	437996	48.768	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.540%		
62) 4-Bromofluorobenzene	12.853	95	147572	41.565	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	83.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46140	16.756	ug/l	92
3) Chloromethane	2.359	50	51199	17.823	ug/l	94
4) Vinyl Chloride	2.518	62	49121	18.890	ug/l	99
5) Bromomethane	2.965	94	23156	17.611	ug/l	95
6) Chloroethane	3.124	64	27221	20.712	ug/l #	82
7) Trichlorofluoromethane	3.501	101	68920	17.133	ug/l	95
8) Diethyl Ether	3.959	74	35391	20.712	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	47438	20.313	ug/l	91
10) Methyl Iodide	4.595	142	42164	20.613	ug/l #	92
11) Tert butyl alcohol	5.506	59	54898	91.215	ug/l #	90
12) 1,1-Dichloroethene	4.336	96	45613	19.198	ug/l	93
13) Acrolein	4.177	56	40982	82.380	ug/l	100
14) Allyl chloride	5.018	41	82619	16.440	ug/l #	87
15) Acrylonitrile	5.718	53	139331	96.409	ug/l	98
16) Acetone	4.424	43	95443	94.080	ug/l	94
17) Carbon Disulfide	4.712	76	124907	17.491	ug/l	98
18) Methyl Acetate	5.024	43	64047	19.099	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	172867	19.282	ug/l	98
20) Methylene Chloride	5.283	84	52951	18.663	ug/l #	85
21) trans-1,2-Dichloroethene	5.789	96	46346	17.891	ug/l	83
22) Diisopropyl ether	6.671	45	181508	18.665	ug/l	97
23) Vinyl Acetate	6.606	43	751123	95.060	ug/l	95
24) 1,1-Dichloroethane	6.571	63	96868	19.138	ug/l	97
25) 2-Butanone	7.483	43	174655	92.948	ug/l	90
26) 2,2-Dichloropropane	7.489	77	79152	16.999	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	58363	19.280	ug/l	87
28) Bromochloromethane	7.818	49	50454	20.973	ug/l #	80
29) Tetrahydrofuran	7.841	42	118441	87.897	ug/l	94
30) Chloroform	7.959	83	92175	18.372	ug/l	98
31) Cyclohexane	8.259	56	89109	17.867	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	74528	16.657	ug/l	92
36) 1,1-Dichloropropene	8.371	75	66821	17.961	ug/l	98
37) Ethyl Acetate	7.565	43	75248	18.707	ug/l	99
38) Carbon Tetrachloride	8.365	117	61953	17.038	ug/l	99
39) Methylcyclohexane	9.600	83	81247	17.982	ug/l	96
40) Benzene	8.606	78	219375	19.643	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	42930	16.726	ug/l	93
42) 1,2-Dichloroethane	8.671	62	73524	17.729	ug/l	97
43) Isopropyl Acetate	8.688	43	133771	17.687	ug/l	95
44) Trichloroethene	9.359	130	47243	18.347	ug/l	99
45) 1,2-Dichloropropane	9.624	63	55807	19.093	ug/l	95
46) Dibromomethane	9.712	93	36059	17.849	ug/l	91
47) Bromodichloromethane	9.888	83	75230	17.658	ug/l #	94
48) Methyl methacrylate	9.677	41	63721	17.648	ug/l	89
49) 1,4-Dioxane	9.694	88	22881	416.937	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	389047	91.373	ug/l	96
52) Toluene	10.629	92	130496	19.511	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	82840	17.869	ug/l	91
54) cis-1,3-Dichloropropene	10.312	75	91493	19.149	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	49794	18.931	ug/l	98
56) Ethyl methacrylate	10.877	69	91173	18.203	ug/l	89
57) 1,3-Dichloropropane	11.165	76	88933	19.017	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	209360	91.755	ug/l	91
59) 2-Hexanone	11.194	43	293118	92.505	ug/l	95
60) Dibromochloromethane	11.365	129	52283	18.766	ug/l	98
61) 1,2-Dibromoethane	11.476	107	49733	19.771	ug/l	96
64) Tetrachloroethene	11.100	164	41505	17.345	ug/l	95
65) Chlorobenzene	11.894	112	138978	19.316	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	44432	19.001	ug/l	98
67) Ethyl Benzene	11.965	91	246753	18.441	ug/l	97
68) m/p-Xylenes	12.071	106	185564	38.879	ug/l	92
69) o-Xylene	12.400	106	91115	19.554	ug/l	94
70) Styrene	12.412	104	152966	18.976	ug/l	97
71) Bromoform	12.576	173	29859	16.242	ug/l #	96
73) Isopropylbenzene	12.694	105	227345	18.965	ug/l	99
74) N-amyl acetate	12.494	43	120701	18.085	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	69134	19.204	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	64643m	18.491	ug/l	
77) Bromobenzene	12.976	156	48661	19.398	ug/l	75
78) n-propylbenzene	13.035	91	273966	18.814	ug/l	96
79) 2-Chlorotoluene	13.123	91	162356	17.525	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	187889	18.522	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	31560	18.499	ug/l #	91
82) 4-Chlorotoluene	13.223	91	159761	17.762	ug/l	96
83) tert-Butylbenzene	13.441	119	156486	18.524	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	187888	18.547	ug/l	96
85) sec-Butylbenzene	13.618	105	229947	19.324	ug/l	96
86) p-Isopropyltoluene	13.729	119	183464	19.202	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	92250	19.708	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	87329	18.946	ug/l	94
89) n-Butylbenzene	14.059	91	170043	19.120	ug/l	97
90) Hexachloroethane	14.335	117	32397	17.237	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	86526	19.283	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13979	15.950	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	47219	18.810	ug/l	99
94) Hexachlorobutadiene	15.500	225	16442	17.770	ug/l	93
95) Naphthalene	15.647	128	172795	18.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45248	18.773	ug/l	96

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

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