

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022924\
 Data File : VN081266.D
 Acq On : 29 Feb 2024 14:02
 Operator : JC\MD
 Sample : VN0229WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBS02

Quant Time: Mar 01 01:26:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/01/2024
 Supervised By : Semsettin Yesilyurt 03/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	224808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	428454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	385105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156321	56.730	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.460%			
35) Dibromofluoromethane	8.165	113	134870	55.668	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.340%			
50) Toluene-d8	10.571	98	431593	50.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.853	95	170340	52.682	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	58091	19.981	ug/l	94
3) Chloromethane	2.359	50	59436	17.981	ug/l	95
4) Vinyl Chloride	2.512	62	64658	20.022	ug/l	92
5) Bromomethane	2.959	94	42874	18.692	ug/l	92
6) Chloroethane	3.124	64	45343	21.209	ug/l #	88
7) Trichlorofluoromethane	3.501	101	100344	21.269	ug/l	99
8) Diethyl Ether	3.959	74	37711	21.863	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	54301	20.647	ug/l #	89
10) Methyl Iodide	4.595	142	49763	16.951	ug/l	97
11) Tert butyl alcohol	5.512	59	53667	105.904	ug/l	99
12) 1,1-Dichloroethene	4.348	96	50492	19.861	ug/l	92
13) Acrolein	4.189	56	20341	74.891	ug/l	97
14) Allyl chloride	5.018	41	76047	20.160	ug/l #	89
15) Acrylonitrile	5.724	53	163676	123.672	ug/l	98
16) Acetone	4.424	43	119046	109.797	ug/l	93
17) Carbon Disulfide	4.718	76	117255	16.536	ug/l	97
18) Methyl Acetate	5.024	43	75531	28.557	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	194327	22.318	ug/l	97
20) Methylene Chloride	5.289	84	67503	23.575	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	56056	19.763	ug/l	87
22) Diisopropyl ether	6.671	45	201727	23.575	ug/l #	95
23) Vinyl Acetate	6.606	43	757984	109.180	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	116528	23.552	ug/l	96
25) 2-Butanone	7.483	43	201103	114.810	ug/l	97
26) 2,2-Dichloropropane	7.494	77	97248	20.977	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	72532	22.009	ug/l	87
28) Bromochloromethane	7.818	49	52630	25.658	ug/l #	74
29) Tetrahydrofuran	7.836	42	129205	110.499	ug/l #	86
30) Chloroform	7.965	83	125564	23.872	ug/l	96
31) Cyclohexane	8.259	56	96151	20.209	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	107719	22.487	ug/l	88
36) 1,1-Dichloropropene	8.377	75	85212	20.529	ug/l	97
37) Ethyl Acetate	7.559	43	82261	21.959	ug/l	98
38) Carbon Tetrachloride	8.365	117	88146	20.990	ug/l	100
39) Methylcyclohexane	9.606	83	92918	19.204	ug/l	92
40) Benzene	8.606	78	260854	21.712	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	46180	21.661	ug/l	92
42) 1,2-Dichloroethane	8.671	62	96161	22.941	ug/l	100
43) Isopropyl Acetate	8.688	43	143425	21.891	ug/l #	96
44) Trichloroethene	9.353	130	66474	20.774	ug/l	95
45) 1,2-Dichloropropane	9.624	63	68132	22.671	ug/l	99
46) Dibromomethane	9.712	93	47838	21.847	ug/l	93
47) Bromodichloromethane	9.888	83	96253	23.209	ug/l #	91
48) Methyl methacrylate	9.682	41	65257	21.406	ug/l	87
49) 1,4-Dioxane	9.694	88	27720	473.087	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	445256	118.141	ug/l	97
52) Toluene	10.630	92	165397	21.746	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	101689	22.065	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	107413	21.572	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	71773	24.535	ug/l	92
56) Ethyl methacrylate	10.877	69	95600	21.383	ug/l	91
57) 1,3-Dichloropropane	11.165	76	115091	22.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	224610	100.126	ug/l #	87
59) 2-Hexanone	11.200	43	323127	108.144	ug/l	97
60) Dibromochloromethane	11.359	129	70369	22.643	ug/l	99
61) 1,2-Dibromoethane	11.471	107	71297	23.177	ug/l	94
64) Tetrachloroethene	11.106	164	63801	24.274	ug/l	91
65) Chlorobenzene	11.894	112	174244	20.905	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	64944	21.694	ug/l	95
67) Ethyl Benzene	11.965	91	303710	20.363	ug/l	99
68) m/p-Xylenes	12.071	106	231083	40.422	ug/l	99
69) o-Xylene	12.400	106	114620	20.227	ug/l	96
70) Styrene	12.412	104	188922	21.039	ug/l	97
71) Bromoform	12.582	173	42166	22.201	ug/l #	99
73) Isopropylbenzene	12.700	105	302437	19.733	ug/l	98
74) N-amyl acetate	12.494	43	121284	18.724	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	94447	21.915	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	87901m	22.085	ug/l	
77) Bromobenzene	12.988	156	69589	20.363	ug/l	77
78) n-propylbenzene	13.035	91	362862	20.566	ug/l	98
79) 2-Chlorotoluene	13.123	91	214947	19.862	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	257671	20.735	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	29128m	18.837	ug/l	
82) 4-Chlorotoluene	13.223	91	211187	19.958	ug/l	94
83) tert-Butylbenzene	13.441	119	212899	19.814	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	253744	20.491	ug/l	96
85) sec-Butylbenzene	13.618	105	313197	20.967	ug/l	96
86) p-Isopropyltoluene	13.729	119	253260	20.412	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	132228	20.478	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	129908	20.475	ug/l	98
89) n-Butylbenzene	14.059	91	218700	20.232	ug/l	98
90) Hexachloroethane	14.335	117	44078	21.492	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	130270	20.918	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17723	19.780	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	67852	19.529	ug/l	99
94) Hexachlorobutadiene	15.506	225	27384	21.134	ug/l	92
95) Naphthalene	15.641	128	237926	18.688	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	67845	19.684	ug/l	97

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

