

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083147.D
 Acq On : 08 Aug 2024 11:35
 Operator : JC\MD
 Sample : VN0808WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

Quant Time: Aug 08 13:33:03 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 : John Carlone 08/08/2024
 Supervised By : Semsettin Yesilyurt 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	212391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	362198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	141218	46.712	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.420%		
35) Dibromofluoromethane	8.171	113	103711	45.874	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.740%		
50) Toluene-d8	10.565	98	395197	46.862	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.720%		
62) 4-Bromofluorobenzene	12.847	95	151158	45.976	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	91.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40535	16.830	ug/l	100
3) Chloromethane	2.359	50	41159	16.692	ug/l	99
4) Vinyl Chloride	2.512	62	41747	16.592	ug/l	98
5) Bromomethane	2.953	94	26762	17.141	ug/l	92
6) Chloroethane	3.118	64	25242	16.035	ug/l	100
7) Trichlorofluoromethane	3.494	101	70738	17.018	ug/l	97
8) Diethyl Ether	3.959	74	25779	16.667	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	38769	16.917	ug/l	98
10) Methyl Iodide	4.589	142	49674	16.478	ug/l	95
11) Tert butyl alcohol	5.518	59	51062	81.274	ug/l	99
12) 1,1-Dichloroethene	4.341	96	38328	16.279	ug/l	92
13) Acrolein	4.177	56	33070	80.763	ug/l	96
14) Allyl chloride	5.024	41	67890	15.259	ug/l	93
15) Acrylonitrile	5.718	53	103751	80.295	ug/l	99
16) Acetone	4.430	43	99448	84.068	ug/l	95
17) Carbon Disulfide	4.712	76	106499	15.459	ug/l	98
18) Methyl Acetate	5.024	43	57051	16.187	ug/l #	91
19) Methyl tert-butyl Ether	5.794	73	142965	16.823	ug/l	96
20) Methylene Chloride	5.271	84	43577	16.006	ug/l #	76
21) trans-1,2-Dichloroethene	5.788	96	40170	16.508	ug/l	89
22) Diisopropyl ether	6.671	45	142810	17.076	ug/l	97
23) Vinyl Acetate	6.606	43	781821	91.204	ug/l	95
24) 1,1-Dichloroethane	6.571	63	77098	16.913	ug/l	99
25) 2-Butanone	7.488	43	149879	82.515	ug/l	92
26) 2,2-Dichloropropane	7.488	77	73995	17.479	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	49142	16.736	ug/l	93
28) Bromochloromethane	7.818	49	31695	17.013	ug/l	87
29) Tetrahydrofuran	7.841	42	95208	81.085	ug/l #	88
30) Chloroform	7.965	83	81976	17.309	ug/l	100
31) Cyclohexane	8.253	56	75618	16.879	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	77094	17.198	ug/l	93
36) 1,1-Dichloropropene	8.371	75	58780	17.188	ug/l	98
37) Ethyl Acetate	7.559	43	62595	16.347	ug/l #	95
38) Carbon Tetrachloride	8.365	117	67595	17.548	ug/l	99
39) Methylcyclohexane	9.600	83	69028	16.433	ug/l	95
40) Benzene	8.606	78	174426	17.121	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	36130	16.595	ug/l	95
42) 1,2-Dichloroethane	8.671	62	64177	17.292	ug/l	97
43) Isopropyl Acetate	8.688	43	123214	17.104	ug/l	98
44) Trichloroethene	9.353	130	41790	17.233	ug/l	92
45) 1,2-Dichloropropane	9.618	63	41624	17.212	ug/l	100
46) Dibromomethane	9.712	93	29086	16.803	ug/l	95
47) Bromodichloromethane	9.888	83	66734	17.170	ug/l	96
48) Methyl methacrylate	9.682	41	51245	16.187	ug/l	93
49) 1,4-Dioxane	9.694	88	19205	336.263	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	307903	85.033	ug/l	93
52) Toluene	10.629	92	110102	17.104	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	69405	17.384	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	73041	17.200	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	40370	17.500	ug/l	95
56) Ethyl methacrylate	10.876	69	73360	16.869	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	70391	17.119	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	163381	88.877	ug/l	95
59) 2-Hexanone	11.194	43	234694	83.779	ug/l	94
60) Dibromochloromethane	11.359	129	50114	17.968	ug/l	98
61) 1,2-Dibromoethane	11.470	107	41382	17.076	ug/l	100
64) Tetrachloroethene	11.106	164	35522	17.152	ug/l	93
65) Chlorobenzene	11.888	112	118615	17.164	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	41956	17.214	ug/l	99
67) Ethyl Benzene	11.965	91	217217	17.134	ug/l	97
68) m/p-Xylenes	12.070	106	161840	34.080	ug/l	99
69) o-Xylene	12.400	106	80572	17.203	ug/l	98
70) Styrene	12.412	104	134843	17.142	ug/l	99
71) Bromoform	12.576	173	31466	17.042	ug/l #	99
73) Isopropylbenzene	12.694	105	206324	17.120	ug/l	100
74) N-amyl acetate	12.494	43	95489	16.199	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	56614	16.609	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	58295m	18.435	ug/l	
77) Bromobenzene	12.982	156	46908	17.522	ug/l	97
78) n-propylbenzene	13.035	91	236733	17.059	ug/l	100
79) 2-Chlorotoluene	13.123	91	148595	16.890	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	176028	17.446	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	22853	15.720	ug/l	95
82) 4-Chlorotoluene	13.223	91	147111	16.670	ug/l	99
83) tert-Butylbenzene	13.435	119	154042	17.240	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	174559	17.167	ug/l	100
85) sec-Butylbenzene	13.617	105	205483	16.854	ug/l	100
86) p-Isopropyltoluene	13.729	119	173558	17.241	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	84445	16.764	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	82309	16.207	ug/l	96
89) n-Butylbenzene	14.059	91	146445	16.789	ug/l	98
90) Hexachloroethane	14.335	117	32947	16.940	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	81872	16.795	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13519	16.345	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	44710	16.372	ug/l	99
94) Hexachlorobutadiene	15.500	225	19317	15.905	ug/l	96
95) Naphthalene	15.641	128	157502	16.282	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	42915	15.881	ug/l	95

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

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