

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083229.D
 Acq On : 12 Aug 2024 11:46
 Operator : JC\MD
 Sample : VN0812WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/13/2024
 Supervised By : Semsettin Yesilyurt 08/13/2024

Quant Time: Aug 13 04:14:06 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	186747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	319813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129589	48.752	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.500%		
35) Dibromofluoromethane	8.165	113	91733	45.954	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.900%		
50) Toluene-d8	10.565	98	345314	46.374	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.740%		
62) 4-Bromofluorobenzene	12.847	95	131576	45.324	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	90.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39688	18.741	ug/l	97
3) Chloromethane	2.359	50	38942	17.961	ug/l	97
4) Vinyl Chloride	2.518	62	41139	18.595	ug/l	97
5) Bromomethane	2.959	94	26406	19.236	ug/l	97
6) Chloroethane	3.124	64	26311	19.009	ug/l	95
7) Trichlorofluoromethane	3.495	101	69420	18.995	ug/l	100
8) Diethyl Ether	3.965	74	24585	18.078	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	38977	19.344	ug/l	99
10) Methyl Iodide	4.589	142	47501	17.921	ug/l	98
11) Tert butyl alcohol	5.524	59	43653	79.023	ug/l	99
12) 1,1-Dichloroethene	4.342	96	36631	17.695	ug/l	91
13) Acrolein	4.183	56	23588	65.517	ug/l	99
14) Allyl chloride	5.024	41	68407	17.486	ug/l	91
15) Acrylonitrile	5.718	53	99513	87.591	ug/l	100
16) Acetone	4.424	43	101736	97.812	ug/l	97
17) Carbon Disulfide	4.712	76	99714	16.462	ug/l	100
18) Methyl Acetate	5.024	43	55591	17.939	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	138237	18.501	ug/l	93
20) Methylene Chloride	5.277	84	41310	17.257	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	37251	17.410	ug/l	96
22) Diisopropyl ether	6.671	45	135241	18.391	ug/l #	93
23) Vinyl Acetate	6.600	43	712516m	94.533	ug/l	
24) 1,1-Dichloroethane	6.571	63	76297	19.035	ug/l	98
25) 2-Butanone	7.482	43	146409	91.673	ug/l	91
26) 2,2-Dichloropropane	7.488	77	73580	19.767	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	47418	18.366	ug/l	94
28) Bromochloromethane	7.818	49	31274	19.093	ug/l	88
29) Tetrahydrofuran	7.835	42	91342	88.475	ug/l	90
30) Chloroform	7.971	83	80486	19.328	ug/l	98
31) Cyclohexane	8.253	56	67167	17.051	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	75701	19.206	ug/l	92
36) 1,1-Dichloropropene	8.371	75	56568	18.733	ug/l	99
37) Ethyl Acetate	7.559	43	57344	16.960	ug/l #	97
38) Carbon Tetrachloride	8.365	117	64763	19.042	ug/l	98
39) Methylcyclohexane	9.600	83	67050	18.078	ug/l	94
40) Benzene	8.606	78	168282	18.707	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32902	17.115	ug/l	96
42) 1,2-Dichloroethane	8.671	62	64593	19.711	ug/l	100
43) Isopropyl Acetate	8.688	43	111521	17.579	ug/l	97
44) Trichloroethene	9.353	130	41028	19.161	ug/l	92
45) 1,2-Dichloropropane	9.624	63	41393	19.385	ug/l	90
46) Dibromomethane	9.706	93	29632	19.387	ug/l	99
47) Bromodichloromethane	9.888	83	62802	18.300	ug/l	96
48) Methyl methacrylate	9.682	41	49729	17.790	ug/l	95
49) 1,4-Dioxane	9.700	88	16982	336.746	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	292541	91.498	ug/l	93
52) Toluene	10.629	92	106758	18.783	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	66033	18.732	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	70422	18.781	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	39592	19.437	ug/l	98
56) Ethyl methacrylate	10.876	69	68248	17.773	ug/l	87
57) 1,3-Dichloropropane	11.165	76	67855	18.689	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	139581	85.993	ug/l	97
59) 2-Hexanone	11.194	43	225064	90.989	ug/l	94
60) Dibromochloromethane	11.359	129	46323	18.810	ug/l	98
61) 1,2-Dibromoethane	11.470	107	39185	18.313	ug/l	99
64) Tetrachloroethene	11.106	164	34197	18.732	ug/l	94
65) Chlorobenzene	11.894	112	113379	18.612	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	39102	18.200	ug/l	98
67) Ethyl Benzene	11.965	91	207967	18.610	ug/l	100
68) m/p-Xylenes	12.070	106	156037	37.275	ug/l	96
69) o-Xylene	12.400	106	77090	18.672	ug/l	99
70) Styrene	12.412	104	128820	18.577	ug/l	99
71) Bromoform	12.576	173	29629	18.204	ug/l #	98
73) Isopropylbenzene	12.694	105	200138	18.440	ug/l	100
74) N-amyl acetate	12.494	43	86625	16.317	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	55535	18.091	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	51599m	18.118	ug/l	
77) Bromobenzene	12.982	156	45972	19.068	ug/l	98
78) n-propylbenzene	13.035	91	230409	18.436	ug/l	99
79) 2-Chlorotoluene	13.123	91	145219	18.328	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	169051	18.604	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	23009	17.574	ug/l	89
82) 4-Chlorotoluene	13.223	91	144886	18.230	ug/l	99
83) tert-Butylbenzene	13.441	119	146571	18.214	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	171027	18.676	ug/l	99
85) sec-Butylbenzene	13.617	105	205876	18.750	ug/l	99
86) p-Isopropyltoluene	13.729	119	166899	18.409	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	82823	18.256	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	83205	18.192	ug/l	97
89) n-Butylbenzene	14.059	91	147482	18.774	ug/l	97
90) Hexachloroethane	14.335	117	30402	17.357	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	79697	18.154	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12380	16.620	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	44773	18.204	ug/l	97
94) Hexachlorobutadiene	15.500	225	19366	17.705	ug/l	99
95) Naphthalene	15.641	128	149685	17.181	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	42430	17.435	ug/l	98

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

