

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081147.D
 Acq On : 22 Feb 2024 19:59
 Operator : JC\MD
 Sample : P1539-07MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P1539-06MS

Quant Time: Feb 23 04:32:06 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 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	308501	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	575101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	511609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	192118	50.807	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.620%		
35) Dibromofluoromethane	8.159	113	215	0.066	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.140%#		
50) Toluene-d8	10.571	98	531568	46.022	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.040%		
62) 4-Bromofluorobenzene	12.853	95	211283	48.682	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	204174	51.176	ug/l	96
3) Chloromethane	2.359	50	194685	44.592	ug/l	97
4) Vinyl Chloride	2.512	62	224267	50.607	ug/l	95
5) Bromomethane	2.948	94	69092	21.951	ug/l	96
6) Chloroethane	3.118	64	153484	53.631	ug/l	99
7) Trichlorofluoromethane	3.495	101	317066	48.974	ug/l	99
8) Diethyl Ether	3.959	74	125855	53.171	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	174601	48.378	ug/l	93
10) Methyl Iodide	4.589	142	96168	23.872	ug/l	97
11) Tert butyl alcohol	5.512	59	229686	330.289	ug/l	99
12) 1,1-Dichloroethene	4.342	96	289642	83.022	ug/l	96
13) Acrolein	4.177	56	1279m	3.432	ug/l	
14) Allyl chloride	5.024	41	69699	13.465	ug/l	# 92
15) Acrylonitrile	5.718	53	430003	236.763	ug/l	95
16) Acetone	4.424	43	396154	266.254	ug/l	100
17) Carbon Disulfide	4.712	76	143207	14.717	ug/l	98
18) Methyl Acetate	5.012	43	1926m	0.531	ug/l	
19) Methyl tert-butyl Ether	5.795	73	665379	55.685	ug/l	95
20) Methylene Chloride	5.277	84	222904	58.060	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	191046	49.082	ug/l	92
22) Diisopropyl ether	6.671	45	611945	52.114	ug/l	# 95
23) Vinyl Acetate	6.671	43	326010	34.219	ug/l	# 76
24) 1,1-Dichloroethane	6.571	63	364050	53.618	ug/l	95
25) 2-Butanone	7.483	43	680126	282.948	ug/l	93
26) 2,2-Dichloropropane	7.494	77	280681	44.119	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	232048	51.311	ug/l	88
28) Bromochloromethane	7.818	49	155741	55.329	ug/l	# 67
29) Tetrahydrofuran	7.841	42	484526	301.962	ug/l	# 87
30) Chloroform	7.965	83	386944	53.609	ug/l	99
31) Cyclohexane	8.259	56	278928	42.720	ug/l	# 78
32) 1,1,1-Trichloroethane	8.165	97	340678	51.825	ug/l	93
36) 1,1-Dichloropropene	8.371	75	261519	46.939	ug/l	97
37) Ethyl Acetate	7.483	43	680126	135.261	ug/l	# 40
38) Carbon Tetrachloride	8.365	117	224573	39.841	ug/l	95
39) Methylcyclohexane	9.606	83	291623	44.902	ug/l	# 84
40) Benzene	8.612	78	836736	51.886	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	158633	55.434	ug/l	97
42) 1,2-Dichloroethane	8.671	62	295851	52.584	ug/l	98
43) Isopropyl Acetate	8.683	43	15407	1.752	ug/l #	1
44) Trichloroethene	9.359	130	396427	92.296	ug/l	95
45) 1,2-Dichloropropane	9.624	63	218066	54.058	ug/l	99
46) Dibromomethane	9.712	93	160175	54.497	ug/l	93
47) Bromodichloromethane	9.888	83	167941	30.169	ug/l #	98
48) Methyl methacrylate	9.618	41	241855	59.105	ug/l #	55
49) 1,4-Dioxane	9.694	88	92422	1236.839	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	1544235	305.257	ug/l	95
52) Toluene	10.635	92	522065	51.137	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	251887	40.719	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	162283	24.281	ug/l	88
55) 1,1,2-Trichloroethane	11.024	97	46760	11.908	ug/l	94
57) 1,3-Dichloropropane	11.165	76	372424	54.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	761896	253.031	ug/l #	89
59) 2-Hexanone	11.200	43	1158146	288.769	ug/l	95
60) Dibromochloromethane	11.365	129	143136	34.313	ug/l	97
61) 1,2-Dibromoethane	11.471	107	222069	53.781	ug/l	99
64) Tetrachloroethene	11.106	164	278034	79.626	ug/l	95
65) Chlorobenzene	11.894	112	554355	50.065	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	163098	41.010	ug/l	96
67) Ethyl Benzene	11.965	91	981197	49.521	ug/l	98
68) m/p-Xylenes	12.076	106	735065	96.788	ug/l	98
69) o-Xylene	12.400	106	379979	50.474	ug/l	93
70) Styrene	12.418	104	626970	52.557	ug/l	96
71) Bromoform	12.582	173	105541	41.828	ug/l #	100
73) Isopropylbenzene	12.700	105	945393	47.193	ug/l	97
74) N-amyl acetate	12.465	43	4395	0.519	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	13.000	83	7742	1.374	ug/l #	95
76) 1,2,3-Trichloropropane	13.000	75	225832m	43.412	ug/l	
77) Bromobenzene	12.982	156	219481	49.138	ug/l	73
78) n-propylbenzene	13.041	91	1097123	47.575	ug/l	97
79) 2-Chlorotoluene	13.129	91	665264	47.032	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	805715	49.607	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	11028	5.457	ug/l #	74
82) 4-Chlorotoluene	13.223	91	663709	47.988	ug/l	94
83) tert-Butylbenzene	13.441	119	672715	47.900	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	808038	49.925	ug/l	96
85) sec-Butylbenzene	13.618	105	952354	48.778	ug/l	94
86) p-Isopropyltoluene	13.735	119	795842	49.074	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	411800	48.794	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	404363	48.761	ug/l	98
89) n-Butylbenzene	14.059	91	684736	48.465	ug/l	97
90) Hexachloroethane	14.335	117	106942	39.895	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	405340	49.798	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14764	12.607	ug/l	67
93) 1,2,4-Trichlorobenzene	15.394	180	225372	49.629	ug/l	99
94) Hexachlorobutadiene	15.506	225	76815	45.356	ug/l	96
95) Naphthalene	15.647	128	917707	55.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	229668	50.982	ug/l	97

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

