

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081205.D
 Acq On : 26 Feb 2024 19:16
 Operator : JC\MD
 Sample : P1577-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10A-MW01I-20240221MSD

Quant Time: Feb 27 00:16:08 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 02/27/2024
 Supervised By : Mahesh Dadoda 02/27/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	272002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	507532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	465011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	179081	53.714	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.420%			
35) Dibromofluoromethane	8.171	113	153670	53.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.080%			
50) Toluene-d8	10.571	98	514486	50.473	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.940%			
62) 4-Bromofluorobenzene	12.853	95	205125	53.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	194721	55.356	ug/l	91
3) Chloromethane	2.359	50	188136	48.990	ug/l	100
4) Vinyl Chloride	2.512	62	203885	52.181	ug/l	92
5) Bromomethane	2.948	94	128802	46.412	ug/l	96
6) Chloroethane	3.118	64	142074	56.350	ug/l	100
7) Trichlorofluoromethane	3.495	101	313249	54.877	ug/l	98
8) Diethyl Ether	3.965	74	116347	55.750	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	174395	54.805	ug/l	91
10) Methyl Iodide	4.583	142	181979	51.234	ug/l	98
11) Tert butyl alcohol	5.524	59	202489	330.252	ug/l	100
12) 1,1-Dichloroethene	4.342	96	167204	54.358	ug/l	85
13) Acrolein	4.177	56	128478	390.955	ug/l	99
14) Allyl chloride	5.024	41	238045	52.156	ug/l #	86
15) Acrylonitrile	5.718	53	511962	319.716	ug/l	98
16) Acetone	4.430	43	381879	291.100	ug/l	100
17) Carbon Disulfide	4.712	76	406045	47.327	ug/l	99
18) Methyl Acetate	5.024	43	222946	69.666	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	616619	58.529	ug/l	93
20) Methylene Chloride	5.277	84	195427	57.728	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	181707	52.947	ug/l	94
22) Diisopropyl ether	6.677	45	587641	56.759	ug/l #	95
23) Vinyl Acetate	6.606	43	2325090	276.797	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	344852	57.606	ug/l	97
25) 2-Butanone	7.483	43	658473	310.699	ug/l	94
26) 2,2-Dichloropropane	7.488	77	270908	48.297	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	222167	55.718	ug/l	86
28) Bromochloromethane	7.818	49	152111	61.291	ug/l #	67
29) Tetrahydrofuran	7.841	42	449295	317.578	ug/l #	87
30) Chloroform	7.971	83	370042	58.146	ug/l	100
31) Cyclohexane	8.259	56	290535	50.469	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	327973	56.587	ug/l	93
36) 1,1-Dichloropropene	8.377	75	259818	52.843	ug/l	95
37) Ethyl Acetate	7.559	43	258522	58.259	ug/l	99
38) Carbon Tetrachloride	8.365	117	273664	55.014	ug/l	90
39) Methylcyclohexane	9.606	83	299148	52.192	ug/l	88
40) Benzene	8.606	78	797016	56.003	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	146243	57.907	ug/l	92
42) 1,2-Dichloroethane	8.671	62	283061	57.009	ug/l	98
43) Isopropyl Acetate	8.688	43	455420	58.682	ug/l #	96
44) Trichloroethene	9.359	130	198361	52.331	ug/l	88
45) 1,2-Dichloropropane	9.624	63	204423	57.422	ug/l	96
46) Dibromomethane	9.712	93	144307	55.634	ug/l	92
47) Bromodichloromethane	9.888	83	286459	58.311	ug/l #	97
48) Methyl methacrylate	9.682	41	216515	59.956	ug/l	90
49) 1,4-Dioxane	9.694	88	94607	1441.287	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1443075	323.238	ug/l	95
52) Toluene	10.635	92	514856	57.145	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	307732	56.369	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	316203	53.610	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	205564	59.321	ug/l	92
56) Ethyl methacrylate	10.876	69	312709	59.045	ug/l	90
57) 1,3-Dichloropropane	11.165	76	353979	59.078	ug/l	100
59) 2-Hexanone	11.200	43	1084776	306.484	ug/l	94
60) Dibromochloromethane	11.365	129	217721	59.142	ug/l	98
61) 1,2-Dibromoethane	11.471	107	215289	59.080	ug/l	98
64) Tetrachloroethene	11.106	164	179038	56.413	ug/l	91
65) Chlorobenzene	11.894	112	532138	52.874	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	203717	56.356	ug/l	97
67) Ethyl Benzene	11.965	91	987461	54.831	ug/l	96
68) m/p-Xylenes	12.071	106	747582	108.300	ug/l	96
69) o-Xylene	12.400	106	373503	54.586	ug/l	94
70) Styrene	12.412	104	617836	56.981	ug/l	96
71) Bromoform	12.582	173	143632	62.629	ug/l #	97
73) Isopropylbenzene	12.700	105	966589	50.892	ug/l	97
74) N-amyl acetate	12.494	43	393518	49.023	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	297241	55.656	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	240353m	48.731	ug/l	
77) Bromobenzene	12.982	156	216671	51.163	ug/l	80
78) n-propylbenzene	13.041	91	1144129	52.328	ug/l	96
79) 2-Chlorotoluene	13.129	91	684825	51.064	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	821569	53.350	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	98337	51.318	ug/l	90
82) 4-Chlorotoluene	13.223	91	667029	50.867	ug/l	94
83) tert-Butylbenzene	13.441	119	724529	54.412	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	824648	53.739	ug/l	96
85) sec-Butylbenzene	13.617	105	1012547	54.699	ug/l	94
86) p-Isopropyltoluene	13.735	119	841635	54.738	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	418114	52.253	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	410789	52.246	ug/l	97
89) n-Butylbenzene	14.059	91	737665	55.069	ug/l	97
90) Hexachloroethane	14.335	117	151449	59.589	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	393962	51.048	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	64666	58.238	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	213945	49.691	ug/l	97
94) Hexachlorobutadiene	15.506	225	79522	49.524	ug/l	97
95) Naphthalene	15.641	128	834546	52.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	225578	52.814	ug/l	100

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

