

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081784.D
 Acq On : 18 Apr 2024 13:54
 Operator : JC\MD
 Sample : VN0418WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/19/2024
 Supervised By : Mahesh Dadoda 04/19/2024

Quant Time: Apr 19 01:22:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	250714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	441905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	416606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	185896	52.692	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.380%			
35) Dibromofluoromethane	8.165	113	144093	49.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.760%			
50) Toluene-d8	10.571	98	571645	53.175	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.360%			
62) 4-Bromofluorobenzene	12.847	95	207423	56.463	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 112.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	61439	19.350	ug/l	99
3) Chloromethane	2.359	50	69551	24.465	ug/l	99
4) Vinyl Chloride	2.518	62	73511	18.917	ug/l	96
5) Bromomethane	2.965	94	50447	21.486	ug/l	98
6) Chloroethane	3.124	64	54704	22.316	ug/l	94
7) Trichlorofluoromethane	3.500	101	136792	27.260	ug/l	99
8) Diethyl Ether	3.959	74	44695	25.373	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	76204	24.245	ug/l	94
10) Methyl Iodide	4.589	142	63439	37.606	ug/l	96
11) Tert butyl alcohol	5.512	59	47382	98.457	ug/l	97
12) 1,1-Dichloroethene	4.342	96	71720	24.077	ug/l	94
13) Acrolein	4.177	56	55635	108.748	ug/l	97
14) Allyl chloride	5.024	41	67728	17.916	ug/l	99
15) Acrylonitrile	5.724	53	122805	92.466	ug/l	97
16) Acetone	4.424	43	114930	117.047	ug/l	93
17) Carbon Disulfide	4.712	76	184899	21.356	ug/l	96
18) Methyl Acetate	5.024	43	53950	19.644	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	172812	19.932	ug/l	96
20) Methylene Chloride	5.277	84	59011	19.003	ug/l	99
21) trans-1,2-Dichloroethene	5.788	96	55698	18.616	ug/l	85
22) Diisopropyl ether	6.665	45	167437	20.353	ug/l	96
23) Vinyl Acetate	6.600	43	645996	100.598	ug/l	96
24) 1,1-Dichloroethane	6.565	63	102356	18.910	ug/l #	96
25) 2-Butanone	7.488	43	156319	96.569	ug/l	93
26) 2,2-Dichloropropane	7.494	77	94414	20.010	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	67271	18.380	ug/l	94
28) Bromochloromethane	7.818	49	43838	18.970	ug/l	95
29) Tetrahydrofuran	7.841	42	108179	103.297	ug/l	99
30) Chloroform	7.965	83	114035	18.579	ug/l	99
31) Cyclohexane	8.265	56	86942	17.965	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	105555	19.394	ug/l	97
36) 1,1-Dichloropropene	8.371	75	76481	18.811	ug/l	98
37) Ethyl Acetate	7.559	43	70297	21.042	ug/l	96
38) Carbon Tetrachloride	8.359	117	90060	19.040	ug/l	93
39) Methylcyclohexane	9.606	83	87343	18.235	ug/l	99
40) Benzene	8.606	78	237956	18.789	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	39189	21.609	ug/l	97
42) 1,2-Dichloroethane	8.671	62	84659	19.176	ug/l	98
43) Isopropyl Acetate	8.688	43	119001	19.093	ug/l	99
44) Trichloroethene	9.353	130	60704	18.432	ug/l	99
45) 1,2-Dichloropropane	9.629	63	55028	18.846	ug/l	99
46) Dibromomethane	9.712	93	46062	18.901	ug/l	95
47) Bromodichloromethane	9.888	83	93199	20.020	ug/l #	94
48) Methyl methacrylate	9.682	41	53427	21.031	ug/l	98
49) 1,4-Dioxane	9.694	88	25541	400.875	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	367443	105.992	ug/l	98
52) Toluene	10.635	92	156874	19.501	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	93356	20.131	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	96116	19.456	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	59530	19.699	ug/l	94
56) Ethyl methacrylate	10.876	69	87872	21.133	ug/l	96
57) 1,3-Dichloropropane	11.165	76	100990	19.965	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	220547	100.245	ug/l	100
59) 2-Hexanone	11.194	43	276452	110.159	ug/l	99
60) Dibromochloromethane	11.359	129	69687	19.079	ug/l	97
61) 1,2-Dibromoethane	11.465	107	61768	19.595	ug/l	98
64) Tetrachloroethene	11.106	164	62210	17.600	ug/l	96
65) Chlorobenzene	11.894	112	180190	18.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	59113	18.076	ug/l	99
67) Ethyl Benzene	11.965	91	292993	19.417	ug/l	99
68) m/p-Xylenes	12.076	106	231819	39.508	ug/l	98
69) o-Xylene	12.400	106	117357	20.870	ug/l	99
70) Styrene	12.412	104	187856	20.392	ug/l	98
71) Bromoform	12.582	173	45041	17.849	ug/l #	99
73) Isopropylbenzene	12.700	105	288808	18.951	ug/l	98
74) N-amyl acetate	12.494	43	105203	18.968	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	77403	17.288	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	76368m	18.285	ug/l	
77) Bromobenzene	12.982	156	70497	18.145	ug/l	97
78) n-propylbenzene	13.035	91	333387	18.853	ug/l	99
79) 2-Chlorotoluene	13.123	91	209680	19.022	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	244275	19.622	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	31898	19.205	ug/l	86
82) 4-Chlorotoluene	13.223	91	201291	18.485	ug/l	99
83) tert-Butylbenzene	13.441	119	206052	18.898	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	244290	19.454	ug/l	99
85) sec-Butylbenzene	13.617	105	285468	18.762	ug/l	99
86) p-Isopropyltoluene	13.729	119	237033	19.007	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	127469	17.554	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	127176	17.175	ug/l	96
89) n-Butylbenzene	14.059	91	204439	18.750	ug/l	98
90) Hexachloroethane	14.335	117	46012	17.332	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	128886	18.338	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18112	20.504	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	70363	19.005	ug/l	98
94) Hexachlorobutadiene	15.500	225	26729	16.748	ug/l	96
95) Naphthalene	15.641	128	253420	21.424	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	70421	18.603	ug/l	96

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

