

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082608.D
 Acq On : 17 Jun 2024 14:56
 Operator : JC\MD
 Sample : VN0617WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/18/2024
 Supervised By : Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 04:56:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	251598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	140766	53.244	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.480%	
35) Dibromofluoromethane	8.171	113	93899	50.405	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.800%	
50) Toluene-d8	10.571	98	362427	51.446	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.900%	
62) 4-Bromofluorobenzene	12.853	95	122598	50.477	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	44337	19.256	ug/l	99
3) Chloromethane	2.359	50	50744	18.384	ug/l	98
4) Vinyl Chloride	2.512	62	49557	18.866	ug/l	99
5) Bromomethane	2.953	94	31308	18.515	ug/l	98
6) Chloroethane	3.118	64	34059	18.183	ug/l	98
7) Trichlorofluoromethane	3.495	101	63291	18.469	ug/l	96
8) Diethyl Ether	3.959	74	23255	19.926	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	36559	19.046	ug/l	99
10) Methyl Iodide	4.589	142	34313	18.766	ug/l	98
11) Tert butyl alcohol	5.530	59	45338	104.781	ug/l	99
12) 1,1-Dichloroethene	4.342	96	33492	18.246	ug/l	94
13) Acrolein	4.177	56	46836	106.258	ug/l	98
14) Allyl chloride	5.024	41	66505	18.525	ug/l	98
15) Acrylonitrile	5.724	53	120007	105.071	ug/l	99
16) Acetone	4.430	43	110682	92.054	ug/l	97
17) Carbon Disulfide	4.712	76	103173	17.699	ug/l	100
18) Methyl Acetate	5.030	43	60086	20.432	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	129869	20.669	ug/l	95
20) Methylene Chloride	5.283	84	44783	21.185	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	35244	18.066	ug/l	95
22) Diisopropyl ether	6.677	45	149283	19.828	ug/l	99
23) Vinyl Acetate	6.606	43	620988	104.014	ug/l	100
24) 1,1-Dichloroethane	6.571	63	77831	19.084	ug/l	97
25) 2-Butanone	7.488	43	177401	103.804	ug/l	99
26) 2,2-Dichloropropane	7.488	77	63344	17.904	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	44132	18.775	ug/l	99
28) Bromochloromethane	7.812	49	36487	19.604	ug/l	100
29) Tetrahydrofuran	7.841	42	114927	109.850	ug/l	99
30) Chloroform	7.971	83	77390	19.453	ug/l	98
31) Cyclohexane	8.253	56	69963	18.337	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	67992	18.847	ug/l	97
36) 1,1-Dichloropropene	8.371	75	53691	19.280	ug/l	99
37) Ethyl Acetate	7.565	43	68605	19.340	ug/l	99
38) Carbon Tetrachloride	8.365	117	58792	18.733	ug/l	96
39) Methylcyclohexane	9.600	83	54650	18.647	ug/l	97
40) Benzene	8.606	78	166013	19.293	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	39180	21.607	ug/l	97
42) 1,2-Dichloroethane	8.671	62	66389	20.284	ug/l	98
43) Isopropyl Acetate	8.688	43	121179	18.279	ug/l	99
44) Trichloroethene	9.353	130	37176	18.606	ug/l	98
45) 1,2-Dichloropropane	9.624	63	43806	19.778	ug/l	99
46) Dibromomethane	9.712	93	30426	20.265	ug/l	99
47) Bromodichloromethane	9.888	83	62334	19.474	ug/l	97
48) Methyl methacrylate	9.682	41	55859	20.439	ug/l	99
49) 1,4-Dioxane	9.700	88	18513	433.075	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	366435	107.765	ug/l	100
52) Toluene	10.635	92	102664	19.687	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	65813	20.112	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	68896	20.360	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	38303	20.294	ug/l	97
56) Ethyl methacrylate	10.876	69	64631	20.675	ug/l	99
57) 1,3-Dichloropropane	11.165	76	70708	20.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	175931	106.387	ug/l	99
59) 2-Hexanone	11.200	43	275100	106.447	ug/l	100
60) Dibromochloromethane	11.365	129	45525	19.759	ug/l	99
61) 1,2-Dibromoethane	11.471	107	39692	19.946	ug/l	96
64) Tetrachloroethene	11.106	164	37744	18.194	ug/l	99
65) Chlorobenzene	11.894	112	109436	18.968	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	39503	19.201	ug/l	100
67) Ethyl Benzene	11.965	91	184692	18.787	ug/l	98
68) m/p-Xylenes	12.070	106	142466	38.953	ug/l	96
69) o-Xylene	12.400	106	65560	19.080	ug/l	98
70) Styrene	12.412	104	114705	19.668	ug/l	100
71) Bromoform	12.582	173	31045	19.087	ug/l #	99
73) Isopropylbenzene	12.700	105	169216	18.838	ug/l	99
74) N-amyl acetate	12.494	43	93866	19.580	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	57125	19.496	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	55428m	19.157	ug/l	
77) Bromobenzene	12.982	156	42692	18.464	ug/l	97
78) n-propylbenzene	13.035	91	205448	19.335	ug/l	99
79) 2-Chlorotoluene	13.129	91	127079	19.071	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	144038	19.759	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	22099	18.273	ug/l	98
82) 4-Chlorotoluene	13.223	91	126004	18.930	ug/l	100
83) tert-Butylbenzene	13.441	119	117097	18.858	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	143520	19.626	ug/l	100
85) sec-Butylbenzene	13.617	105	165805	18.801	ug/l	99
86) p-Isopropyltoluene	13.729	119	139798	19.685	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	77552	18.499	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	78681	17.956	ug/l	98
89) n-Butylbenzene	14.059	91	116044	18.422	ug/l	100
90) Hexachloroethane	14.335	117	28265	18.293	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	77404	18.909	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13207	21.298	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	38454	17.815	ug/l	97
94) Hexachlorobutadiene	15.500	225	17564	16.504	ug/l	99
95) Naphthalene	15.641	128	128540	19.357	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	40218	18.283	ug/l	99

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

