

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082796.D
 Acq On : 03 Jul 2024 12:26
 Operator : JC\MD
 Sample : VN0703WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/05/2024
 Supervised By : Mahesh Dadoda 07/05/2024

Quant Time: Jul 03 23:56:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	142163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	238489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	98696	45.018	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.040%		
35) Dibromofluoromethane	8.165	113	76675	48.831	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.660%		
50) Toluene-d8	10.565	98	276908	47.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.320%		
62) 4-Bromofluorobenzene	12.847	95	100652	49.911	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	99.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36842	16.976	ug/l	99
3) Chloromethane	2.365	50	32175	14.165	ug/l	95
4) Vinyl Chloride	2.512	62	49788	20.686	ug/l	99
5) Bromomethane	2.959	94	23312	13.614	ug/l	98
6) Chloroethane	3.118	64	23545	13.869	ug/l	99
7) Trichlorofluoromethane	3.500	101	55976	18.762	ug/l	98
8) Diethyl Ether	3.959	74	20590	22.066	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	32186	18.910	ug/l	100
10) Methyl Iodide	4.594	142	33489	21.458	ug/l	99
11) Tert butyl alcohol	5.518	59	32640	93.207	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	29797	18.767	ug/l	81
13) Acrolein	4.177	56	22631	106.233	ug/l	100
14) Allyl chloride	5.024	41	44286	18.564	ug/l #	95
15) Acrylonitrile	5.718	53	77968	83.700	ug/l	98
16) Acetone	4.430	43	67176	80.873	ug/l	97
17) Carbon Disulfide	4.712	76	74445	14.316	ug/l	99
18) Methyl Acetate	5.024	43	37645	17.048	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	110138	20.922	ug/l	99
20) Methylene Chloride	5.283	84	33775	16.069	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	32122	18.749	ug/l	87
22) Diisopropyl ether	6.677	45	104606	18.848	ug/l	97
23) Vinyl Acetate	6.606	43	415908	93.857	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	61229	18.172	ug/l	96
25) 2-Butanone	7.488	43	107287	84.543	ug/l	92
26) 2,2-Dichloropropane	7.494	77	55889	25.854	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	38427	19.062	ug/l	90
28) Bromochloromethane	7.818	49	27022	18.336	ug/l #	79
29) Tetrahydrofuran	7.841	42	69439	84.857	ug/l #	83
30) Chloroform	7.965	83	66227	18.436	ug/l	94
31) Cyclohexane	8.259	56	51188	16.571	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	60303	19.013	ug/l	96
36) 1,1-Dichloropropene	8.371	75	44895	19.892	ug/l	98
37) Ethyl Acetate	7.559	43	46150	18.919	ug/l #	93
38) Carbon Tetrachloride	8.365	117	52873	20.030	ug/l	98
39) Methylcyclohexane	9.600	83	46688	19.925	ug/l	91
40) Benzene	8.606	78	137106	18.518	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	25695	20.429	ug/l	94
42) 1,2-Dichloroethane	8.671	62	50607	19.035	ug/l	95
43) Isopropyl Acetate	8.688	43	82903	19.555	ug/l #	94
44) Trichloroethene	9.353	130	33848	19.691	ug/l	97
45) 1,2-Dichloropropane	9.624	63	33908	18.897	ug/l	96
46) Dibromomethane	9.712	93	25379	19.363	ug/l	96
47) Bromodichloromethane	9.888	83	53274	19.947	ug/l	99
48) Methyl methacrylate	9.682	41	36823	19.616	ug/l #	87
49) 1,4-Dioxane	9.700	88	14299	381.674	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	231470	92.775	ug/l	93
52) Toluene	10.635	92	89382	20.559	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	55828	22.101	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	57773	21.754	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	33515	19.881	ug/l	98
56) Ethyl methacrylate	10.876	69	54859	21.637	ug/l	86
57) 1,3-Dichloropropane	11.165	76	58990	19.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	106938	83.718	ug/l	96
59) 2-Hexanone	11.200	43	172198	93.082	ug/l	92
60) Dibromochloromethane	11.359	129	42213	20.647	ug/l	98
61) 1,2-Dibromoethane	11.470	107	34565	19.514	ug/l	96
64) Tetrachloroethene	11.106	164	33476	20.594	ug/l	97
65) Chlorobenzene	11.894	112	98005	20.134	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	35637	21.067	ug/l	99
67) Ethyl Benzene	11.965	91	167275	20.823	ug/l	98
68) m/p-Xylenes	12.070	106	127903	42.791	ug/l	97
69) o-Xylene	12.400	106	62331	21.638	ug/l	97
70) Styrene	12.412	104	104560	21.380	ug/l	99
71) Bromoform	12.582	173	27451	20.750	ug/l #	97
73) Isopropylbenzene	12.694	105	157120	21.913	ug/l	99
74) N-amyl acetate	12.494	43	66835	20.884	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	45898	18.244	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	42637m	19.882	ug/l	
77) Bromobenzene	12.982	156	39094	21.939	ug/l	94
78) n-propylbenzene	13.035	91	181922	21.487	ug/l	98
79) 2-Chlorotoluene	13.123	91	113148	21.324	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	129339	21.958	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	17650	21.464	ug/l	98
82) 4-Chlorotoluene	13.223	91	111110	21.221	ug/l	97
83) tert-Butylbenzene	13.441	119	111764	22.547	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	131907	22.657	ug/l	98
85) sec-Butylbenzene	13.617	105	152068	21.894	ug/l	100
86) p-Isopropyltoluene	13.729	119	127219	22.862	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	69428	20.348	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	71135	20.030	ug/l	98
89) n-Butylbenzene	14.059	91	107563	21.829	ug/l	99
90) Hexachloroethane	14.335	117	24993	20.227	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	69285	21.381	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10032	21.166	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	37732	23.851	ug/l	99
94) Hexachlorobutadiene	15.506	225	15236	21.292	ug/l	97
95) Naphthalene	15.641	128	129133	24.577	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37080	21.979	ug/l	97

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

