

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060424\
 Data File : VN082455.D
 Acq On : 04 Jun 2024 12:47
 Operator : JC\MD
 Sample : VN0604WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/05/2024
 Supervised By : Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 03:19:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	173523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133179	48.606	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.220%		
35) Dibromofluoromethane	8.171	113	94228	52.446	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.900%		
50) Toluene-d8	10.571	98	339307	49.258	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.520%		
62) 4-Bromofluorobenzene	12.853	95	121640	49.475	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	98.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41778	16.699	ug/l	97
3) Chloromethane	2.359	50	47088	16.608	ug/l	99
4) Vinyl Chloride	2.512	62	48174	18.074	ug/l	96
5) Bromomethane	2.954	94	28691	18.727	ug/l	99
6) Chloroethane	3.118	64	32689	18.782	ug/l	92
7) Trichlorofluoromethane	3.501	101	68812	19.715	ug/l	97
8) Diethyl Ether	3.959	74	25064	20.158	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.371	101	40794	20.008	ug/l	99
10) Methyl Iodide	4.589	142	36264	17.692	ug/l	91
11) Tert butyl alcohol	5.530	59	45414	103.254	ug/l	97
12) 1,1-Dichloroethene	4.336	96	35612	18.792	ug/l #	82
13) Acrolein	4.177	56	28091	86.188	ug/l	93
14) Allyl chloride	5.018	41	72261	17.810	ug/l #	91
15) Acrylonitrile	5.718	53	124646	109.425	ug/l	100
16) Acetone	4.424	43	121094	107.736	ug/l	90
17) Carbon Disulfide	4.712	76	88632	14.481	ug/l	96
18) Methyl Acetate	5.030	43	68783	24.573	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	142696	20.600	ug/l	98
20) Methylene Chloride	5.271	84	43640	19.244	ug/l #	74
21) trans-1,2-Dichloroethene	5.795	96	37356	18.089	ug/l	87
22) Diisopropyl ether	6.671	45	169951	20.060	ug/l #	90
23) Vinyl Acetate	6.606	43	651244	97.495	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	85797	19.647	ug/l	99
25) 2-Butanone	7.489	43	185688	108.963	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	76410	20.890	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	47422	19.457	ug/l	78
28) Bromochloromethane	7.818	49	37368	19.085	ug/l #	75
29) Tetrahydrofuran	7.841	42	117507	107.396	ug/l #	81
30) Chloroform	7.971	83	87669	21.023	ug/l	97
31) Cyclohexane	8.259	56	72735	16.621	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	76839	20.770	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	58426	19.389	ug/l	95
37) Ethyl Acetate	7.559	43	71409	21.175	ug/l	95
38) Carbon Tetrachloride	8.359	117	64755	21.199	ug/l	99
39) Methylcyclohexane	9.606	83	58064	17.579	ug/l	89
40) Benzene	8.606	78	180839	20.125	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	39827	20.082	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	71780	20.770	ug/l	95
43) Isopropyl Acetate	8.688	43	142993	23.930	ug/l #	85
44) Trichloroethene	9.353	130	41888	20.522	ug/l	99
45) 1,2-Dichloropropane	9.624	63	48564	20.947	ug/l	98
46) Dibromomethane	9.712	93	32204	21.158	ug/l	99
47) Bromodichloromethane	9.888	83	69096	21.503	ug/l	97
48) Methyl methacrylate	9.682	41	59206	20.794	ug/l #	82
49) 1,4-Dioxane	9.694	88	18699	468.667	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	381966	112.507	ug/l	90
52) Toluene	10.630	92	111191	20.620	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	70785	21.300	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	75485	21.458	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	42738	21.809	ug/l	97
56) Ethyl methacrylate	10.877	69	70603	21.221	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	78191	21.341	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	155816	90.797	ug/l	91
59) 2-Hexanone	11.200	43	287424	115.623	ug/l	89
60) Dibromochloromethane	11.359	129	49991	23.116	ug/l	98
61) 1,2-Dibromoethane	11.471	107	43140	21.433	ug/l	97
64) Tetrachloroethene	11.106	164	40161	20.387	ug/l	96
65) Chlorobenzene	11.894	112	122486	20.861	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	45186	23.364	ug/l	97
67) Ethyl Benzene	11.965	91	209810	19.976	ug/l	99
68) m/p-Xylenes	12.071	106	155643	40.432	ug/l	93
69) o-Xylene	12.400	106	75393	20.219	ug/l	92
70) Styrene	12.412	104	128055	20.675	ug/l	97
71) Bromoform	12.582	173	33149	21.949	ug/l #	100
73) Isopropylbenzene	12.700	105	193644	19.221	ug/l	99
74) N-amyl acetate	12.494	43	104057	18.777	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	62104	21.385	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	58705m	21.994	ug/l	
77) Bromobenzene	12.982	156	47045	19.595	ug/l	86
78) n-propylbenzene	13.035	91	232592	19.496	ug/l	97
79) 2-Chlorotoluene	13.129	91	143316	19.131	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	161444	19.818	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	22323	19.562	ug/l #	82
82) 4-Chlorotoluene	13.223	91	143253	19.558	ug/l	96
83) tert-Butylbenzene	13.441	119	137632	19.312	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	163798	19.653	ug/l	97
85) sec-Butylbenzene	13.618	105	190967	19.332	ug/l	99
86) p-Isopropyltoluene	13.729	119	159338	19.847	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	87259	20.061	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	87079	19.615	ug/l	96
89) n-Butylbenzene	14.059	91	137088	18.998	ug/l	98
90) Hexachloroethane	14.335	117	31616	21.255	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	84607	20.549	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13108	21.968	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	45170	19.572	ug/l	98
94) Hexachlorobutadiene	15.500	225	20139	19.886	ug/l	99
95) Naphthalene	15.641	128	147741	20.427	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	45856	19.847	ug/l	96

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

