

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082924\
 Data File : VN083561.D
 Acq On : 29 Aug 2024 17:14
 Operator : JC\MD
 Sample : VN0829WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2024
 Supervised By : Mahesh Dadoda 08/30/2024

Quant Time: Aug 30 01:28:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	130041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	230114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	207697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111899	60.454	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.900%			
35) Dibromofluoromethane	8.165	113	82550	57.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.940%			
50) Toluene-d8	10.565	98	289310	53.998	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.000%			
62) 4-Bromofluorobenzene	12.847	95	125219	59.948	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 119.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	23086	15.655	ug/l	98
3) Chloromethane	2.359	50	26911	17.824	ug/l	92
4) Vinyl Chloride	2.512	62	28905	18.763	ug/l	97
5) Bromomethane	2.901	94	14597	15.270	ug/l	96
6) Chloroethane	3.065	64	22248	23.083	ug/l	93
7) Trichlorofluoromethane	3.459	101	52343	20.567	ug/l	94
8) Diethyl Ether	3.953	74	20077	21.200	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.353	101	28370	20.219	ug/l	99
10) Methyl Iodide	4.571	142	37056	20.077	ug/l	97
11) Tert butyl alcohol	5.542	59	35456	92.173	ug/l	97
12) 1,1-Dichloroethene	4.324	96	27347	18.971	ug/l	89
13) Acrolein	4.183	56	28407	113.308	ug/l	99
14) Allyl chloride	5.006	41	52359	19.221	ug/l	91
15) Acrylonitrile	5.718	53	83075	105.008	ug/l	99
16) Acetone	4.430	43	71840	99.187	ug/l	93
17) Carbon Disulfide	4.694	76	63618	15.083	ug/l	100
18) Methyl Acetate	5.024	43	49012	22.712	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	112604	21.641	ug/l	95
20) Methylene Chloride	5.265	84	33158	19.892	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	28330	19.015	ug/l	89
22) Diisopropyl ether	6.671	45	106863	20.869	ug/l	98
23) Vinyl Acetate	6.600	43	584582	111.380	ug/l	95
24) 1,1-Dichloroethane	6.559	63	60173	21.559	ug/l	98
25) 2-Butanone	7.488	43	112681	101.321	ug/l	95
26) 2,2-Dichloropropane	7.488	77	54677	21.094	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	36819	20.479	ug/l	94
28) Bromochloromethane	7.812	49	24416	21.406	ug/l #	83
29) Tetrahydrofuran	7.841	42	73026	101.579	ug/l #	87
30) Chloroform	7.965	83	65592	22.620	ug/l	98
31) Cyclohexane	8.253	56	51592	18.808	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	59760	21.773	ug/l	95
36) 1,1-Dichloropropene	8.371	75	41295	19.006	ug/l	100
37) Ethyl Acetate	7.559	43	48182	19.806	ug/l #	94
38) Carbon Tetrachloride	8.359	117	50637	20.692	ug/l	96
39) Methylcyclohexane	9.600	83	50340	18.863	ug/l	95
40) Benzene	8.606	78	133604	20.641	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26929	19.468	ug/l	94
42) 1,2-Dichloroethane	8.671	62	52666	22.336	ug/l	98
43) Isopropyl Acetate	8.688	43	124365m	28.349	ug/l	
44) Trichloroethene	9.353	130	31029	20.140	ug/l	94
45) 1,2-Dichloropropane	9.618	63	32124	20.908	ug/l	96
46) Dibromomethane	9.712	93	24286	22.083	ug/l	98
47) Bromodichloromethane	9.888	83	51449	20.835	ug/l	97
48) Methyl methacrylate	9.682	41	39930	19.853	ug/l	91
49) 1,4-Dioxane	9.700	88	14179	390.763	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	244117	106.114	ug/l	95
52) Toluene	10.629	92	83232	20.352	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	52362	20.644	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	54695	20.273	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	32821	22.394	ug/l	91
56) Ethyl methacrylate	10.876	69	55756	20.180	ug/l	87
57) 1,3-Dichloropropane	11.165	76	57368	21.960	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	115240	98.672	ug/l	96
59) 2-Hexanone	11.194	43	179723	100.981	ug/l	94
60) Dibromochloromethane	11.359	129	36978	20.868	ug/l	99
61) 1,2-Dibromoethane	11.471	107	33052	21.467	ug/l	100
64) Tetrachloroethene	11.106	164	26175	19.029	ug/l	97
65) Chlorobenzene	11.894	112	88373	19.254	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	32649	20.169	ug/l	99
67) Ethyl Benzene	11.965	91	159634	18.959	ug/l	99
68) m/p-Xylenes	12.070	106	119560	37.907	ug/l	98
69) o-Xylene	12.400	106	59126	19.007	ug/l	99
70) Styrene	12.412	104	97548	18.671	ug/l	98
71) Bromoform	12.576	173	24212	19.744	ug/l #	100
73) Isopropylbenzene	12.694	105	153620	16.835	ug/l	100
74) N-amyl acetate	12.494	43	75815	16.986	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	49763	19.282	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	44397m	18.542	ug/l	
77) Bromobenzene	12.982	156	35151	17.341	ug/l	94
78) n-propylbenzene	13.035	91	172044	16.374	ug/l	100
79) 2-Chlorotoluene	13.123	91	114992	17.262	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	129086	16.897	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	16734	15.203	ug/l	96
82) 4-Chlorotoluene	13.223	91	111694	16.716	ug/l	97
83) tert-Butylbenzene	13.441	119	118237	17.477	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	132236	17.176	ug/l	98
85) sec-Butylbenzene	13.617	105	153387	16.616	ug/l	100
86) p-Isopropyltoluene	13.729	119	127486	16.726	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	65685	17.221	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	64302	16.723	ug/l	96
89) n-Butylbenzene	14.053	91	106976	16.197	ug/l	98
90) Hexachloroethane	14.335	117	33888	23.013	ug/l	77
91) 1,2-Dichlorobenzene	14.106	146	67811	18.373	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12354	19.727	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	34210	16.544	ug/l	99
94) Hexachlorobutadiene	15.500	225	15350	16.692	ug/l	94
95) Naphthalene	15.641	128	123655	16.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	35340	17.273	ug/l	95

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

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