

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081611.D
 Acq On : 29 Mar 2024 13:30
 Operator : JC\MD
 Sample : VN0329WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2024
 Supervised By : Mahesh Dadoda 04/01/2024

Quant Time: Mar 30 00:27:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	297193	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	518491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	478943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	217017	57.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.520%			
35) Dibromofluoromethane	8.165	113	186586	57.021	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.040%			
50) Toluene-d8	10.565	98	646024	54.615	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.240%			
62) 4-Bromofluorobenzene	12.847	95	229943	55.169	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 110.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	69660	17.408	ug/l	87
3) Chloromethane	2.359	50	70460	17.685	ug/l	96
4) Vinyl Chloride	2.518	62	80019	17.896	ug/l	91
5) Bromomethane	2.965	94	60292	19.066	ug/l	96
6) Chloroethane	3.130	64	59544	19.395	ug/l	95
7) Trichlorofluoromethane	3.501	101	128538	19.288	ug/l	98
8) Diethyl Ether	3.953	74	43770	19.847	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	75212	19.863	ug/l	91
10) Methyl Iodide	4.595	142	73480	19.487	ug/l	98
11) Tert butyl alcohol	5.518	59	64095	97.044	ug/l	97
12) 1,1-Dichloroethene	4.348	96	65049	18.546	ug/l	85
13) Acrolein	4.177	56	49605	83.699	ug/l	94
14) Allyl chloride	5.018	41	80365	18.286	ug/l #	82
15) Acrylonitrile	5.724	53	173629	98.265	ug/l	96
16) Acetone	4.424	43	119187	97.309	ug/l	93
17) Carbon Disulfide	4.718	76	161456	16.041	ug/l	97
18) Methyl Acetate	5.024	43	90779	24.040	ug/l #	89
19) Methyl tert-butyl Ether	5.795	73	232265	21.160	ug/l	97
20) Methylene Chloride	5.277	84	83270	20.754	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	72535	18.548	ug/l	96
22) Diisopropyl ether	6.671	45	222852	21.823	ug/l #	93
23) Vinyl Acetate	6.600	43	802576	98.738	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	137384	20.086	ug/l	94
25) 2-Butanone	7.483	43	206307	98.202	ug/l	91
26) 2,2-Dichloropropane	7.494	77	121158	20.424	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	92293	20.859	ug/l	82
28) Bromochloromethane	7.806	49	53556	19.224	ug/l #	50
29) Tetrahydrofuran	7.841	42	137621	97.240	ug/l #	76
30) Chloroform	7.971	83	158966	21.711	ug/l	100
31) Cyclohexane	8.259	56	111256	18.040	ug/l #	75
32) 1,1,1-Trichloroethane	8.171	97	140390	21.134	ug/l #	86
36) 1,1-Dichloropropene	8.371	75	105504	19.159	ug/l	97
37) Ethyl Acetate	7.559	43	87750	18.609	ug/l #	96
38) Carbon Tetrachloride	8.365	117	119368	19.788	ug/l	97
39) Methylcyclohexane	9.600	83	111707	18.165	ug/l #	88
40) Benzene	8.606	78	322726	20.046	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	49194	19.727	ug/l	88
42) 1,2-Dichloroethane	8.671	62	114580	20.223	ug/l	98
43) Isopropyl Acetate	8.688	43	152458	19.505	ug/l #	90
44) Trichloroethene	9.347	130	87837	19.399	ug/l	91
45) 1,2-Dichloropropane	9.624	63	82714	21.199	ug/l	99
46) Dibromomethane	9.706	93	60913	20.557	ug/l #	88
47) Bromodichloromethane	9.888	83	125638	21.687	ug/l #	92
48) Methyl methacrylate	9.683	41	66355	18.405	ug/l #	78
49) 1,4-Dioxane	9.694	88	33802	390.150	ug/l #	85
51) 4-Methyl-2-Pentanone	10.441	43	469050	98.345	ug/l	91
52) Toluene	10.630	92	204665	20.001	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	126694	20.253	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	135481	20.200	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	87105	21.152	ug/l	88
56) Ethyl methacrylate	10.877	69	110790	19.615	ug/l #	79
57) 1,3-Dichloropropane	11.165	76	139752	20.702	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	280547	108.270	ug/l #	82
59) 2-Hexanone	11.194	43	344108	97.585	ug/l	91
60) Dibromochloromethane	11.359	129	94938	20.963	ug/l	100
61) 1,2-Dibromoethane	11.471	107	88833	21.159	ug/l	98
64) Tetrachloroethene	11.106	164	90239	19.711	ug/l #	80
65) Chlorobenzene	11.894	112	226673	20.020	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	87466	20.843	ug/l	96
67) Ethyl Benzene	11.965	91	377275	19.183	ug/l	96
68) m/p-Xylenes	12.071	106	300376	40.740	ug/l	94
69) o-Xylene	12.400	106	141022	19.483	ug/l	95
70) Styrene	12.412	104	236833	20.287	ug/l	96
71) Bromoform	12.582	173	63622	20.176	ug/l #	95
73) Isopropylbenzene	12.694	105	367598	18.535	ug/l	97
74) N-amyl acetate	12.494	43	126013	17.557	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	112931	19.367	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	104630m	18.800	ug/l	
77) Bromobenzene	12.982	156	93474	19.079	ug/l	71
78) n-propylbenzene	13.035	91	447980	19.127	ug/l	98
79) 2-Chlorotoluene	13.123	91	266176	18.988	ug/l	91
80) 1,3,5-Trimethylbenzene	13.171	105	317810	19.401	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	37616	18.264	ug/l	85
82) 4-Chlorotoluene	13.223	91	263565	19.071	ug/l	91
83) tert-Butylbenzene	13.441	119	262899	18.611	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	326238	19.815	ug/l	94
85) sec-Butylbenzene	13.618	105	381671	18.901	ug/l	95
86) p-Isopropyltoluene	13.729	119	318857	19.317	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	174815	19.421	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	176438	18.930	ug/l	97
89) n-Butylbenzene	14.059	91	272005	18.583	ug/l	95
90) Hexachloroethane	14.335	117	58861	18.829	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	170999	19.737	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22342	18.004	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	91407	18.247	ug/l	98
94) Hexachlorobutadiene	15.506	225	36970	16.820	ug/l	97
95) Naphthalene	15.641	128	286828	17.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	93669	18.589	ug/l	98

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

