

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066856.D
 Acq On : 29 Apr 2021 12:43
 Operator : JC/MD
 Sample : VN0429WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/30/2021 11:20:52 AM

Quant Time: Apr 30 06:14:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	307989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	457402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	417950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	198610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.951	65	159447	40.29	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	80.58%		
35) Dibromofluoromethane	7.511	113	145625	51.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.16%		
50) Toluene-d8	10.029	98	557240	50.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.56%		
62) 4-Bromofluorobenzene	12.346	95	184295	49.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.30%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.838	85	57639	17.28	ug/l	96
3) Chloromethane	2.037	50	78015	17.81	ug/l	100
4) Vinyl Chloride	2.163	62	77472	18.11	ug/l	98
5) Bromomethane	2.522	94	50487	18.08	ug/l	97
6) Chloroethane	2.662	64	47790	17.94	ug/l	98
7) Trichlorofluoromethane	2.975	101	90680	17.62	ug/l	99
8) Diethyl Ether	3.359	74	35095	16.81	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.697	101	56047	18.41	ug/l	97
10) Methyl Iodide	3.885	142	83137	17.89	ug/l	98
11) Tert butyl alcohol	4.703	59	44136	72.33	ug/l #	84
12) 1,1-Dichloroethene	3.675	96	53692	17.42	ug/l	96
13) Acrolein	3.547	56	43463	85.28	ug/l	98
14) Allyl chloride	4.247	41	87734	15.15	ug/l	92
15) Acrylonitrile	4.896	53	137717	85.11	ug/l	98
16) Acetone	3.753	43	127865	85.65	ug/l	97
17) Carbon Disulfide	3.984	76	160644	16.99	ug/l	98
18) Methyl Acetate	4.252	43	62709	16.34	ug/l	98
19) Methyl tert-butyl Ether	4.952	73	165160	15.65	ug/l	99
20) Methylene Chloride	4.472	84	66072	17.46	ug/l	96
21) trans-1,2-Dichloroethene	4.949	96	59222	17.86	ug/l	99
22) Diisopropyl ether	5.864	45	181063	15.68	ug/l	95
23) Vinyl Acetate	5.805	43	716237	74.52	ug/l	98
24) 1,1-Dichloroethane	5.757	63	108821	17.01	ug/l	100
25) 2-Butanone	6.744	43	165063	78.64	ug/l	99
26) 2,2-Dichloropropane	6.733	77	91530	16.85	ug/l	100
27) cis-1,2-Dichloroethene	6.741	96	65520	17.08	ug/l	99
28) Bromochloromethane	7.108	49	49131	16.74	ug/l	99
29) Tetrahydrofuran	7.127	42	110284	76.90	ug/l	99
30) Chloroform	7.291	83	105949	17.06	ug/l	97
31) Cyclohexane	7.575	56	94225	15.40	ug/l	97
32) 1,1,1-Trichloroethane	7.492	97	89909	16.94	ug/l	99
36) 1,1-Dichloropropene	7.717	75	76376	17.97	ug/l	98
37) Ethyl Acetate	6.843	43	72076	15.97	ug/l	99
38) Carbon Tetrachloride	7.696	117	78445	19.25	ug/l	97
39) Methylcyclohexane	9.015	83	92270	18.35	ug/l	95
40) Benzene	7.967	78	254564	19.30	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.100	41	33434m	16.29	ug/l	
42) 1,2-Dichloroethane	8.050	62	77636	17.42	ug/l	97
43) Isopropyl Acetate	8.093	43	113981	15.89	ug/l #	91
44) Trichloroethene	8.769	130	65269	20.34	ug/l	94
45) 1,2-Dichloropropane	9.050	63	66766	18.96	ug/l	98
46) Dibromomethane	9.141	93	41286	19.19	ug/l	94
47) Bromodichloromethane	9.337	83	85295	18.92	ug/l	99
48) Methyl methacrylate	9.136	41	49781	15.91	ug/l	93
49) 1,4-Dioxane	9.139	88	18744	400.40	ug/l	95
51) 4-Methyl-2-Pentanone	9.922	43	329695	84.58	ug/l	98
52) Toluene	10.093	92	157475	19.84	ug/l	96
53) t-1,3-Dichloropropene	10.321	75	88783	18.41	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	101749	18.83	ug/l	92
55) 1,1,2-Trichloroethane	10.501	97	62150	20.39	ug/l	99
56) Ethyl methacrylate	10.372	69	74418	16.99	ug/l	93
57) 1,3-Dichloropropane	10.646	76	99165	19.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.632	63	64888	78.75	ug/l	99
59) 2-Hexanone	10.694	43	199831	79.59	ug/l	96
60) Dibromochloromethane	10.842	129	67711	20.39	ug/l	97
61) 1,2-Dibromoethane	10.946	107	61575	20.13	ug/l	99
64) Tetrachloroethene	10.571	164	61692	22.32	ug/l	96
65) Chlorobenzene	11.375	112	164391	19.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	63556	20.27	ug/l	98
67) Ethyl Benzene	11.453	91	273948	18.58	ug/l	99
68) m/p-Xylenes	11.566	106	213286	39.44	ug/l	99
69) o-Xylene	11.893	106	101344	18.76	ug/l	99
70) Styrene	11.912	104	160043	18.40	ug/l	100
71) Bromoform	12.073	173	47213	20.80	ug/l #	98
73) Isopropylbenzene	12.193	105	266985	18.34	ug/l	99
74) N-amyl acetate	12.043	43	10367	3.02	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.448	83	88352	18.44	ug/l	98
76) 1,2,3-Trichloropropane	12.499	75	61071m	14.59	ug/l	
77) Bromobenzene	12.470	156	70716	19.69	ug/l	96
78) n-propylbenzene	12.534	91	299994	18.68	ug/l	99
79) 2-Chlorotoluene	12.617	91	187259	18.33	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	227097	18.48	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.250	75	18662	17.84	ug/l	93
82) 4-Chlorotoluene	12.719	91	182351	18.50	ug/l	99
83) tert-Butylbenzene	12.936	119	189116	17.96	ug/l	96
84) 1,2,4-Trimethylbenzene	12.985	105	215253	18.60	ug/l	95
85) sec-Butylbenzene	13.116	105	251838	18.44	ug/l	99
86) p-Isopropyltoluene	13.234	119	218576	18.65	ug/l	98
87) 1,3-Dichlorobenzene	13.229	146	120555	19.74	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	128908	19.86	ug/l	95
89) n-Butylbenzene	13.561	91	167603	16.78	ug/l	98
90) Hexachloroethane	13.816	117	46260	18.86	ug/l	89
91) 1,2-Dichlorobenzene	13.599	146	123161	19.90	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.224	75	14119	16.44	ug/l	97
93) 1,2,4-Trichlorobenzene	14.854	180	70303	20.51	ug/l	99
94) Hexachlorobutadiene	14.948	225	42092	22.14	ug/l	99
95) Naphthalene	15.074	128	160890	18.24	ug/l	98
96) 1,2,3-Trichlorobenzene	15.251	180	65776	19.84	ug/l	97

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

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