

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066881.D
 Acq On : 29 Apr 2021 23:40
 Operator : JC/MD
 Sample : VN0429WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/30/2021 11:21:11 AM

Quant Time: Apr 30 06:17:59 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	7.591	168	269847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	412984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	382432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	177285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	148861	42.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 85.88%			
35) Dibromofluoromethane	7.513	113	137695	54.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.02%			
50) Toluene-d8	10.029	98	512636	51.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.46%			
62) 4-Bromofluorobenzene	12.349	95	164807	48.68	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.36%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.838	85	49472	16.92	ug/l	99
3) Chloromethane	2.037	50	70134	18.27	ug/l	99
4) Vinyl Chloride	2.163	62	69504	18.54	ug/l	99
5) Bromomethane	2.519	94	46536	19.02	ug/l	95
6) Chloroethane	2.662	64	43155	18.49	ug/l	99
7) Trichlorofluoromethane	2.973	101	84498	18.74	ug/l	100
8) Diethyl Ether	3.356	74	31857	17.41	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.694	101	48403	18.15	ug/l	96
10) Methyl Iodide	3.887	142	72608	17.83	ug/l	98
11) Tert butyl alcohol	4.708	59	43300	80.99	ug/l	98
12) 1,1-Dichloroethene	3.675	96	47655	17.64	ug/l	95
13) Acrolein	3.549	56	42144	94.38	ug/l	97
14) Allyl chloride	4.247	41	75783	14.94	ug/l	92
15) Acrylonitrile	4.901	53	130305	91.91	ug/l	97
16) Acetone	3.756	43	98119	75.01	ug/l	96
17) Carbon Disulfide	3.986	76	142209	17.16	ug/l	99
18) Methyl Acetate	4.255	43	60285	17.82	ug/l	98
19) Methyl tert-butyl Ether	4.957	73	151080	16.34	ug/l	97
20) Methylene Chloride	4.475	84	61587	18.58	ug/l	95
21) trans-1,2-Dichloroethene	4.955	96	52982	18.24	ug/l	98
22) Diisopropyl ether	5.867	45	161971	16.01	ug/l	95
23) Vinyl Acetate	5.810	43	636788	75.61	ug/l	99
24) 1,1-Dichloroethane	5.759	63	98149	17.51	ug/l	99
25) 2-Butanone	6.749	43	149148	81.10	ug/l	98
26) 2,2-Dichloropropane	6.735	77	62367	13.10	ug/l	96
27) cis-1,2-Dichloroethene	6.744	96	60154	17.90	ug/l	97
28) Bromochloromethane	7.111	49	42358	16.47	ug/l	97
29) Tetrahydrofuran	7.132	42	101582	80.85	ug/l	98
30) Chloroform	7.291	83	98499	18.10	ug/l	99
31) Cyclohexane	7.580	56	79981	14.92	ug/l #	94
32) 1,1,1-Trichloroethane	7.494	97	83181	17.88	ug/l	98
36) 1,1-Dichloropropene	7.717	75	66748	17.39	ug/l	97
37) Ethyl Acetate	6.851	43	66757	16.38	ug/l	98
38) Carbon Tetrachloride	7.698	117	73733	20.04	ug/l	98
39) Methylcyclohexane	9.015	83	74792	16.47	ug/l	97
40) Benzene	7.969	78	232163	19.49	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.100	41	27537m	14.86	ug/l	
42) 1,2-Dichloroethane	8.052	62	70016	17.40	ug/l	96
43) Isopropyl Acetate	8.095	43	105389	16.27	ug/l	94
44) Trichloroethene	8.771	130	58529	20.20	ug/l	93
45) 1,2-Dichloropropane	9.053	63	61533	19.35	ug/l	98
46) Dibromomethane	9.144	93	39235	20.20	ug/l	96
47) Bromodichloromethane	9.340	83	78934	19.40	ug/l	98
48) Methyl methacrylate	9.139	41	44662	15.81	ug/l	93
49) 1,4-Dioxane	9.139	88	18244	431.64	ug/l	97
51) 4-Methyl-2-Pentanone	9.924	43	312176	88.69	ug/l	98
52) Toluene	10.096	92	140152	19.56	ug/l	100
53) t-1,3-Dichloropropene	10.324	75	74849	17.19	ug/l	99
54) cis-1,3-Dichloropropene	9.777	75	87800	17.99	ug/l	95
55) 1,1,2-Trichloroethane	10.504	97	58624	21.30	ug/l	99
56) Ethyl methacrylate	10.375	69	67183	16.99	ug/l	94
57) 1,3-Dichloropropane	10.648	76	91839	19.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.635	63	64995	86.37	ug/l	98
59) 2-Hexanone	10.697	43	182755	80.37	ug/l	95
60) Dibromochloromethane	10.844	129	64392	21.48	ug/l	100
61) 1,2-Dibromoethane	10.946	107	57586	20.86	ug/l	99
64) Tetrachloroethene	10.573	164	54100	21.39	ug/l	95
65) Chlorobenzene	11.375	112	150429	19.56	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.450	131	59760	20.83	ug/l	99
67) Ethyl Benzene	11.456	91	240728	17.85	ug/l	99
68) m/p-Xylenes	11.566	106	188351	38.06	ug/l	98
69) o-Xylene	11.893	106	90476	18.31	ug/l	97
70) Styrene	11.912	104	141252	17.86	ug/l	99
71) Bromoform	12.075	173	44392	21.37	ug/l #	97
73) Isopropylbenzene	12.196	105	231770	17.83	ug/l	99
74) N-amyl acetate	12.054	43	5689	1.85	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.451	83	85753	20.05	ug/l	99
76) 1,2,3-Trichloropropane	12.502	75	55622m	14.89	ug/l	
77) Bromobenzene	12.472	156	65580	20.46	ug/l	94
78) n-propylbenzene	12.537	91	253268	17.67	ug/l	98
79) 2-Chlorotoluene	12.620	91	163947	17.98	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	197093	17.96	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.255	75	14697	16.59	ug/l	88
82) 4-Chlorotoluene	12.719	91	151820	17.26	ug/l	98
83) tert-Butylbenzene	12.939	119	168053	17.88	ug/l	97
84) 1,2,4-Trimethylbenzene	12.987	105	184358	17.84	ug/l	94
85) sec-Butylbenzene	13.116	105	210928	17.30	ug/l	98
86) p-Isopropyltoluene	13.237	119	179280	17.13	ug/l	99
87) 1,3-Dichlorobenzene	13.229	146	104177	19.11	ug/l	98
88) 1,4-Dichlorobenzene	13.309	146	109563	18.91	ug/l	93
89) n-Butylbenzene	13.564	91	123297	13.83	ug/l	99
90) Hexachloroethane	13.816	117	42422	19.37	ug/l	87
91) 1,2-Dichlorobenzene	13.601	146	108829	19.70	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.226	75	13652	17.81	ug/l	95
93) 1,2,4-Trichlorobenzene	14.857	180	56802	18.56	ug/l	96
94) Hexachlorobutadiene	14.950	225	33755	19.89	ug/l	98
95) Naphthalene	15.076	128	134244	17.05	ug/l	99
96) 1,2,3-Trichlorobenzene	15.253	180	56401	19.06	ug/l	98

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

