

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076432.D
 Acq On : 27 Jan 2023 11:40
 Operator : JC\MD
 Sample : VN0127WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2023
 Supervised By : Semsettin Yesilyurt 01/30/2023

Quant Time: Jan 27 22:35:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	351195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	573045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	512856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	224298	57.040	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.080%			
35) Dibromofluoromethane	8.171	113	189630	52.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.800%			
50) Toluene-d8	10.571	98	688127	51.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.853	95	244594	56.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	63782	17.723	ug/l	94
3) Chloromethane	2.377	50	76661	20.574	ug/l	97
4) Vinyl Chloride	2.530	62	105010	22.983	ug/l	99
5) Bromomethane	2.959	94	78068	20.865	ug/l	94
6) Chloroethane	3.130	64	75954	22.169	ug/l	99
7) Trichlorofluoromethane	3.512	101	148679	23.653	ug/l	95
8) Diethyl Ether	3.971	74	53039	25.157	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	80890	22.732	ug/l	98
10) Methyl Iodide	4.606	142	117012	21.528	ug/l	96
11) Tert butyl alcohol	5.536	59	60760	115.521	ug/l	99
12) 1,1-Dichloroethene	4.359	96	74922	22.273	ug/l	93
13) Acrolein	4.195	56	86349	137.278	ug/l	100
14) Allyl chloride	5.042	41	106188	27.089	ug/l #	86
15) Acrylonitrile	5.736	53	179881	120.182	ug/l	98
16) Acetone	4.442	43	171946	136.370	ug/l	94
17) Carbon Disulfide	4.730	76	161054	19.229	ug/l	98
18) Methyl Acetate	5.036	43	107355	25.130	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	269731	24.631	ug/l	100
20) Methylene Chloride	5.289	84	91167	24.129	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	77490	21.264	ug/l	96
22) Diisopropyl ether	6.683	45	230555	24.940	ug/l	98
23) Vinyl Acetate	6.612	43	718124	120.197	ug/l	99
24) 1,1-Dichloroethane	6.583	63	142265	23.087	ug/l	96
25) 2-Butanone	7.494	43	191818	99.632	ug/l	95
26) 2,2-Dichloropropane	7.500	77	101268	19.499	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	80647	18.975	ug/l	97
28) Bromochloromethane	7.824	49	53855	21.562	ug/l	98
29) Tetrahydrofuran	7.847	42	121513	102.263	ug/l	96
30) Chloroform	7.977	83	135728	19.906	ug/l	97
31) Cyclohexane	8.265	56	102616	16.988	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	122140	19.621	ug/l	93
36) 1,1-Dichloropropene	8.377	75	92275	18.116	ug/l	98
37) Ethyl Acetate	7.565	43	78881	19.330	ug/l	98
38) Carbon Tetrachloride	8.365	117	106730	18.790	ug/l	99
39) Methylcyclohexane	9.606	83	111483	17.923	ug/l	98
40) Benzene	8.612	78	286227	18.792	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	40692	19.022	ug/l	93
42) 1,2-Dichloroethane	8.677	62	106945	20.522	ug/l	100
43) Isopropyl Acetate	8.694	43	129485	19.482	ug/l	99
44) Trichloroethene	9.359	130	75583	17.546	ug/l	98
45) 1,2-Dichloropropane	9.624	63	71585	19.631	ug/l	98
46) Dibromomethane	9.712	93	55086	20.008	ug/l	96
47) Bromodichloromethane	9.888	83	108871	20.388	ug/l	93
48) Methyl methacrylate	9.688	41	63030	20.031	ug/l	96
49) 1,4-Dioxane	9.694	88	26674	401.754	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	403680	103.462	ug/l	98
52) Toluene	10.629	92	188406	18.498	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	103542	20.340	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	114540	19.558	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	76768	19.718	ug/l	98
56) Ethyl methacrylate	10.876	69	104036	20.698	ug/l	97
57) 1,3-Dichloropropane	11.165	76	128814	20.360	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	146030	86.061	ug/l	99
59) 2-Hexanone	11.200	43	287021	101.514	ug/l	100
60) Dibromochloromethane	11.359	129	83740	20.433	ug/l	99
61) 1,2-Dibromoethane	11.470	107	76694	19.736	ug/l	98
64) Tetrachloroethene	11.106	164	79038	17.089	ug/l	98
65) Chlorobenzene	11.894	112	203962	18.814	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	78913	19.564	ug/l	99
67) Ethyl Benzene	11.965	91	359940	19.399	ug/l	99
68) m/p-Xylenes	12.070	106	283652	38.125	ug/l	99
69) o-Xylene	12.400	106	140314	19.204	ug/l	97
70) Styrene	12.412	104	225929	19.366	ug/l	98
71) Bromoform	12.582	173	57492	19.737	ug/l #	99
73) Isopropylbenzene	12.700	105	365844	19.285	ug/l	99
74) N-amyl acetate	12.500	43	109142	20.001	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	105723	19.387	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	96674m	21.093	ug/l	
77) Bromobenzene	12.982	156	88170	19.538	ug/l	97
78) n-propylbenzene	13.041	91	412547	19.274	ug/l	100
79) 2-Chlorotoluene	13.129	91	252672	19.237	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	313860	19.749	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	27086	18.378	ug/l	92
82) 4-Chlorotoluene	13.129	91	252672	19.237	ug/l	99
83) tert-Butylbenzene	13.441	119	283009	20.022	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	314254	19.720	ug/l	98
85) sec-Butylbenzene	13.617	105	385818	19.671	ug/l	99
86) p-Isopropyltoluene	13.735	119	313099	19.413	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	159660	17.857	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	158893	18.745	ug/l	98
89) n-Butylbenzene	14.059	91	240466	18.782	ug/l	99
90) Hexachloroethane	14.335	117	54108	19.438	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	159574	17.919	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18188	19.187	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	71503	17.488	ug/l	99
94) Hexachlorobutadiene	15.506	225	40275	17.042	ug/l	97
95) Naphthalene	15.647	128	203752	17.243	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	67851	17.314	ug/l	96

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

