

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022924\
 Data File : VN081270.D
 Acq On : 29 Feb 2024 16:15
 Operator : JC\MD
 Sample : VN0229WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2024
 Supervised By : Semsettin Yesilyurt 03/01/2024

Quant Time: Feb 29 23:52:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	257872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	484209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	435005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	182763	57.822	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.640%			
35) Dibromofluoromethane	8.165	113	155120	56.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.300%			
50) Toluene-d8	10.570	98	498774	51.289	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.580%			
62) 4-Bromofluorobenzene	12.853	95	193979	53.085	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	68385	20.506	ug/l	89
3) Chloromethane	2.365	50	67851	17.889	ug/l	97
4) Vinyl Chloride	2.518	62	72998	19.706	ug/l	95
5) Bromomethane	2.965	94	46557	17.695	ug/l	98
6) Chloroethane	3.130	64	51745	21.096	ug/l	97
7) Trichlorofluoromethane	3.500	101	113827	21.034	ug/l	99
8) Diethyl Ether	3.959	74	41747	21.100	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	64037	21.227	ug/l	94
10) Methyl Iodide	4.594	142	57244	16.999	ug/l #	98
11) Tert butyl alcohol	5.518	59	56987	98.037	ug/l	98
12) 1,1-Dichloroethene	4.341	96	57346	19.665	ug/l	82
13) Acrolein	4.177	56	26005	83.469	ug/l	93
14) Allyl chloride	5.018	41	87513	20.225	ug/l	91
15) Acrylonitrile	5.718	53	165484	109.006	ug/l	97
16) Acetone	4.430	43	133323	107.199	ug/l	100
17) Carbon Disulfide	4.718	76	130125	15.998	ug/l	97
18) Methyl Acetate	5.024	43	77362	25.499	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	211296	21.155	ug/l	94
20) Methylene Chloride	5.277	84	72612	22.049	ug/l #	84
21) trans-1,2-Dichloroethene	5.788	96	63583	19.542	ug/l	89
22) Diisopropyl ether	6.671	45	216186	22.025	ug/l #	95
23) Vinyl Acetate	6.600	43	817848	102.698	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	129783	22.868	ug/l	98
25) 2-Butanone	7.482	43	221082	110.033	ug/l	95
26) 2,2-Dichloropropane	7.488	77	110641	20.806	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	78321	20.719	ug/l	90
28) Bromochloromethane	7.812	49	57915	24.615	ug/l #	69
29) Tetrahydrofuran	7.835	42	143569	107.040	ug/l	88
30) Chloroform	7.965	83	133328	22.098	ug/l	99
31) Cyclohexane	8.265	56	106143	19.448	ug/l #	82
32) 1,1,1-Trichloroethane	8.165	97	117331	21.353	ug/l	95
36) 1,1-Dichloropropene	8.377	75	93990	20.037	ug/l	96
37) Ethyl Acetate	7.565	43	86897	20.526	ug/l #	79
38) Carbon Tetrachloride	8.359	117	96913	20.420	ug/l	90
39) Methylcyclohexane	9.606	83	104893	19.182	ug/l	92
40) Benzene	8.606	78	291351	21.458	ug/l	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	50878	21.116	ug/l	95
42) 1,2-Dichloroethane	8.671	62	102419	21.621	ug/l	97
43) Isopropyl Acetate	8.688	43	152662	20.618	ug/l #	95
44) Trichloroethene	9.359	130	73615	20.356	ug/l	83
45) 1,2-Dichloropropane	9.623	63	73024	21.500	ug/l	94
46) Dibromomethane	9.712	93	50783	20.521	ug/l	92
47) Bromodichloromethane	9.888	83	101255	21.604	ug/l #	96
48) Methyl methacrylate	9.682	41	72951	21.174	ug/l	94
49) 1,4-Dioxane	9.694	88	28844	432.290	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	471123	110.611	ug/l	97
52) Toluene	10.629	92	181821	21.153	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	110767	21.267	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	114572	20.360	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	71292	21.564	ug/l	94
56) Ethyl methacrylate	10.876	69	106555	21.089	ug/l	88
57) 1,3-Dichloropropane	11.165	76	125508	21.956	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	258321	101.894	ug/l #	89
59) 2-Hexanone	11.200	43	353093	104.565	ug/l	96
60) Dibromochloromethane	11.359	129	75310	21.443	ug/l	98
61) 1,2-Dibromoethane	11.476	107	71654	20.611	ug/l	97
64) Tetrachloroethene	11.106	164	69289	23.338	ug/l	95
65) Chlorobenzene	11.894	112	193314	20.533	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	70182	20.754	ug/l	99
67) Ethyl Benzene	11.965	91	346556	20.571	ug/l	99
68) m/p-Xylenes	12.070	106	262506	40.652	ug/l	96
69) o-Xylene	12.400	106	131078	20.478	ug/l	93
70) Styrene	12.412	104	206950	20.403	ug/l	97
71) Bromoform	12.576	173	43821	20.426	ug/l #	90
73) Isopropylbenzene	12.700	105	331614	19.041	ug/l	98
74) N-amyl acetate	12.494	43	131651	17.886	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	97783	19.968	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	91699m	20.276	ug/l	
77) Bromobenzene	12.982	156	74938	19.298	ug/l	76
78) n-propylbenzene	13.035	91	400441	19.973	ug/l	97
79) 2-Chlorotoluene	13.129	91	240126	19.527	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	282038	19.974	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	29614	16.854	ug/l #	72
82) 4-Chlorotoluene	13.223	91	235701	19.602	ug/l	94
83) tert-Butylbenzene	13.441	119	234148	19.177	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	287048	20.400	ug/l	98
85) sec-Butylbenzene	13.617	105	349526	20.592	ug/l	95
86) p-Isopropyltoluene	13.729	119	284076	20.149	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	143488	19.556	ug/l	94
88) 1,4-Dichlorobenzene	13.811	146	140933	19.548	ug/l	99
89) n-Butylbenzene	14.059	91	255960	20.839	ug/l	97
90) Hexachloroethane	14.335	117	47506	20.385	ug/l	95
91) 1,2-Dichlorobenzene	14.111	146	138002	19.501	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	19164	18.822	ug/l	81
93) 1,2,4-Trichlorobenzene	15.400	180	73584	18.639	ug/l	98
94) Hexachlorobutadiene	15.500	225	28322	19.236	ug/l	98
95) Naphthalene	15.641	128	261640	18.085	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	73943	18.880	ug/l	96

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

