

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075467.D
 Acq On : 29 Nov 2022 11:40
 Operator : JC\MD
 Sample : VN1129WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2022
 Supervised By : Mahesh Dadoda 11/30/2022

Quant Time: Nov 30 02:25:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	146481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	238140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	40765	51.845	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.680%			
35) Dibromofluoromethane	8.171	113	52176	55.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.540%			
50) Toluene-d8	10.571	98	113178	53.715	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.440%			
62) 4-Bromofluorobenzene	12.847	95	85281	54.836	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	20309	18.132	ug/l	97
3) Chloromethane	2.371	50	24538	17.606	ug/l	97
4) Vinyl Chloride	2.524	62	31335	17.840	ug/l	91
5) Bromomethane	2.942	94	28782	18.634	ug/l	93
6) Chloroethane	3.118	64	27675m	20.794	ug/l	
7) Trichlorofluoromethane	3.500	101	46798	18.650	ug/l	98
8) Diethyl Ether	3.977	74	17968	20.430	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	27963	20.186	ug/l	94
10) Methyl Iodide	4.595	142	42615	18.985	ug/l	96
11) Tert butyl alcohol	5.530	59	26509	80.312	ug/l	99
12) 1,1-Dichloroethene	4.353	96	25050	18.467	ug/l	87
13) Acrolein	4.189	56	27515	95.688	ug/l	97
14) Allyl chloride	5.030	41	34266m	19.529	ug/l	
15) Acrylonitrile	5.736	53	74908	98.917	ug/l	97
16) Acetone	4.436	43	65621	89.473	ug/l	95
17) Carbon Disulfide	4.718	76	55283	15.682	ug/l	96
18) Methyl Acetate	5.036	43	39077	20.367	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	95908	19.959	ug/l	92
20) Methylene Chloride	5.289	84	31197	20.215	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	27851	18.016	ug/l	93
22) Diisopropyl ether	6.683	45	80492	20.102	ug/l	97
23) Vinyl Acetate	6.612	43	308943m	96.984	ug/l	
24) 1,1-Dichloroethane	6.577	63	51027	19.854	ug/l	95
25) 2-Butanone	7.488	43	94614	92.402	ug/l	99
26) 2,2-Dichloropropane	7.500	77	44138	18.478	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	34488	19.729	ug/l	94
28) Bromochloromethane	7.812	49	21059	20.186	ug/l	85
29) Tetrahydrofuran	7.847	42	59594	95.683	ug/l	99
30) Chloroform	7.971	83	56025	18.982	ug/l	96
31) Cyclohexane	8.265	56	44128	17.664	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	50714	18.924	ug/l	95
36) 1,1-Dichloropropene	8.377	75	38786	19.012	ug/l	97
37) Ethyl Acetate	7.565	43	37431	20.377	ug/l	99
38) Carbon Tetrachloride	8.365	117	44116	19.685	ug/l	100
39) Methylcyclohexane	9.600	83	49001	19.192	ug/l	98
40) Benzene	8.612	78	123266	19.735	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	18532	19.733	ug/l	94
42) 1,2-Dichloroethane	8.671	62	42713	20.418	ug/l	97
43) Isopropyl Acetate	8.694	43	60223	20.425	ug/l	98
44) Trichloroethene	9.359	130	33198	19.424	ug/l	99
45) 1,2-Dichloropropane	9.624	63	29382	19.739	ug/l	93
46) Dibromomethane	9.712	93	22963	20.396	ug/l	91
47) Bromodichloromethane	9.894	83	43632	20.012	ug/l	96
48) Methyl methacrylate	9.682	41	27632	20.267	ug/l	94
49) 1,4-Dioxane	9.694	88	15154	391.433	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	188148	100.186	ug/l	96
52) Toluene	10.629	92	83325	20.701	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	44303	20.240	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	47784	20.100	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	33929	20.696	ug/l	96
56) Ethyl methacrylate	10.876	69	46161	20.850	ug/l	98
57) 1,3-Dichloropropane	11.165	76	53721	20.097	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	76360	95.632	ug/l	98
59) 2-Hexanone	11.200	43	139053	98.606	ug/l	96
60) Dibromochloromethane	11.359	129	36034	21.414	ug/l	97
61) 1,2-Dibromoethane	11.471	107	33739	19.828	ug/l	98
64) Tetrachloroethene	11.106	164	32143	18.877	ug/l	92
65) Chlorobenzene	11.894	112	89129	19.356	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	35140	20.447	ug/l	98
67) Ethyl Benzene	11.965	91	157536	20.053	ug/l	99
68) m/p-Xylenes	12.070	106	125165	39.233	ug/l	100
69) o-Xylene	12.400	106	63047	19.890	ug/l	96
70) Styrene	12.412	104	99720	19.943	ug/l	99
71) Bromoform	12.576	173	26792	20.483	ug/l #	99
73) Isopropylbenzene	12.694	105	157241	20.242	ug/l	98
74) N-amyl acetate	12.494	43	48448	20.287	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	49865	21.055	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	36268m	18.041	ug/l	
77) Bromobenzene	12.982	156	38561	20.107	ug/l	86
78) n-propylbenzene	13.035	91	176326	20.339	ug/l	100
79) 2-Chlorotoluene	13.129	91	108628	20.796	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	136574	21.162	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	13113	19.300	ug/l	96
82) 4-Chlorotoluene	13.129	91	108628	20.796	ug/l	97
83) tert-Butylbenzene	13.441	119	117499	19.968	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	136643	21.108	ug/l	99
85) sec-Butylbenzene	13.617	105	165738	20.758	ug/l	99
86) p-Isopropyltoluene	13.729	119	138709	20.649	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	73233	20.154	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	72192	19.559	ug/l	99
89) n-Butylbenzene	14.059	91	107399	18.930	ug/l	98
90) Hexachloroethane	14.335	117	22497	19.413	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	72695	20.525	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8950	19.950	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	34911	19.234	ug/l	98
94) Hexachlorobutadiene	15.500	225	18685	19.763	ug/l	98
95) Naphthalene	15.641	128	108946	19.079	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	33738	18.912	ug/l	96

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

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