

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075466.D
 Acq On : 29 Nov 2022 11:07
 Operator : JC\MD
 Sample : VN1129WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 02:24:56 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	8.229	168	150124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	42781	53.088	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.180%
35) Dibromofluoromethane	8.171	113	52858	54.413	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.820%
50) Toluene-d8	10.565	98	116421	53.211	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.420%
62) 4-Bromofluorobenzene	12.847	95	86152	53.348	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	20432	17.799	ug/l	93
3) Chloromethane	2.371	50	24312	17.021	ug/l	95
4) Vinyl Chloride	2.530	62	31876	17.707	ug/l	94
5) Bromomethane	2.936	94	30438	19.228	ug/l	91
6) Chloroethane	3.112	64	27999m	20.527	ug/l	
7) Trichlorofluoromethane	3.506	101	49413	19.214	ug/l	97
8) Diethyl Ether	3.965	74	17533	19.452	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	28585	20.134	ug/l	93
10) Methyl Iodide	4.600	142	41958	18.239	ug/l	97
11) Tert butyl alcohol	5.530	59	24592	72.696	ug/l #	93
12) 1,1-Dichloroethene	4.347	96	25207	18.132	ug/l	87
13) Acrolein	4.194	56	25798	87.540	ug/l	99
14) Allyl chloride	5.041	41	34518m	19.195	ug/l	
15) Acrylonitrile	5.736	53	71861	92.590	ug/l	98
16) Acetone	4.441	43	66835	88.917	ug/l	97
17) Carbon Disulfide	4.724	76	56786	15.717	ug/l	99
18) Methyl Acetate	5.036	43	37854	19.178	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	92140	18.709	ug/l	98
20) Methylene Chloride	5.288	84	31071	19.607	ug/l	85
21) trans-1,2-Dichloroethene	5.788	96	28915	18.250	ug/l	94
22) Diisopropyl ether	6.677	45	79823	19.452	ug/l	99
23) Vinyl Acetate	6.612	43	302420m	92.632	ug/l	
24) 1,1-Dichloroethane	6.571	63	50241	19.074	ug/l	98
25) 2-Butanone	7.488	43	92534	88.177	ug/l	99
26) 2,2-Dichloropropane	7.494	77	45448	18.565	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	34367	19.183	ug/l	94
28) Bromochloromethane	7.824	49	19453	18.194	ug/l	82
29) Tetrahydrofuran	7.841	42	58726	92.001	ug/l	99
30) Chloroform	7.971	83	57016	18.849	ug/l	99
31) Cyclohexane	8.265	56	46801	18.280	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	51637	18.801	ug/l	95
36) 1,1-Dichloropropene	8.377	75	40122	18.939	ug/l	98
37) Ethyl Acetate	7.565	43	36203	18.979	ug/l	98
38) Carbon Tetrachloride	8.365	117	44755	19.232	ug/l	98
39) Methylcyclohexane	9.606	83	51302	19.350	ug/l	97
40) Benzene	8.612	78	123042	18.970	ug/l	98

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41) Methacrylonitrile	7.782	41	18665	19.139	ug/l	98
42) 1,2-Dichloroethane	8.676	62	42319	19.482	ug/l	97
43) Isopropyl Acetate	8.694	43	57890	18.907	ug/l	96
44) Trichloroethene	9.353	130	34555	19.471	ug/l	98
45) 1,2-Dichloropropane	9.623	63	30136	19.497	ug/l	99
46) Dibromomethane	9.712	93	22765	19.472	ug/l	94
47) Bromodichloromethane	9.888	83	44268	19.553	ug/l	94
48) Methyl methacrylate	9.682	41	25679	18.138	ug/l	95
49) 1,4-Dioxane	9.700	88	14724	366.260	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	185837	95.296	ug/l	98
52) Toluene	10.629	92	83763	20.041	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	42553	18.722	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	47613	19.288	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	34014	19.981	ug/l	97
56) Ethyl methacrylate	10.876	69	45618	19.843	ug/l	94
57) 1,3-Dichloropropane	11.165	76	52499	18.914	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	78543	94.729	ug/l	97
59) 2-Hexanone	11.194	43	134792	92.049	ug/l	98
60) Dibromochloromethane	11.359	129	35035	20.050	ug/l	98
61) 1,2-Dibromoethane	11.470	107	33298	18.845	ug/l	99
64) Tetrachloroethene	11.106	164	33276	19.797	ug/l	86
65) Chlorobenzene	11.894	112	88523	19.474	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	33992	20.036	ug/l	97
67) Ethyl Benzene	11.964	91	156141	20.134	ug/l	96
68) m/p-Xylenes	12.070	106	128231	40.718	ug/l	98
69) o-Xylene	12.400	106	60792	19.428	ug/l	98
70) Styrene	12.412	104	99223	20.101	ug/l	99
71) Bromoform	12.576	173	25382	19.657	ug/l #	100
73) Isopropylbenzene	12.694	105	162079	20.076	ug/l	99
74) N-amyl acetate	12.494	43	47801	19.259	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	48135	19.557	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	40954m	19.602	ug/l	
77) Bromobenzene	12.982	156	38416	19.275	ug/l	87
78) n-propylbenzene	13.035	91	176440	19.583	ug/l	98
79) 2-Chlorotoluene	13.123	91	108865	20.054	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	138044	20.581	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	12771	18.086	ug/l	90
82) 4-Chlorotoluene	13.123	91	108865	20.054	ug/l	97
83) tert-Butylbenzene	13.441	119	120554	19.713	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	135883	20.197	ug/l	99
85) sec-Butylbenzene	13.617	105	168681	20.328	ug/l	98
86) p-Isopropyltoluene	13.729	119	144443	20.690	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	74260	19.665	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	73877	19.259	ug/l	98
89) n-Butylbenzene	14.058	91	112277	19.042	ug/l	98
90) Hexachloroethane	14.335	117	22739	18.880	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	74560	20.256	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8758	18.784	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	34039	18.045	ug/l	98
94) Hexachlorobutadiene	15.500	225	19707	20.057	ug/l	94
95) Naphthalene	15.641	128	102415	17.258	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	34069	18.376	ug/l	99

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

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