

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082902.D
 Acq On : 12 Jul 2024 16:16
 Operator : JC\MD
 Sample : P3229-07MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-828-830MSD

Quant Time: Jul 15 01:13:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	102612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	178401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	168562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	80558	56.005	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.000%			
35) Dibromofluoromethane	8.171	113	63186	55.196	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.400%			
50) Toluene-d8	10.565	98	239266	56.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.180%#			
62) 4-Bromofluorobenzene	12.853	95	83299	54.846	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 109.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	68705	51.717	ug/l	95
3) Chloromethane	2.360	50	61542	48.849	ug/l	93
4) Vinyl Chloride	2.512	62	71032	53.684	ug/l	95
5) Bromomethane	2.948	94	46651	48.900	ug/l	94
6) Chloroethane	3.112	64	51807	57.216	ug/l	95
7) Trichlorofluoromethane	3.495	101	97121	51.034	ug/l	98
8) Diethyl Ether	3.965	74	33970	52.156	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	56423	52.385	ug/l	98
10) Methyl Iodide	4.595	142	55685	50.426	ug/l	99
11) Tert butyl alcohol	5.530	59	52678	217.738	ug/l	100
12) 1,1-Dichloroethene	4.342	96	53209	50.796	ug/l	82
13) Acrolein	4.177	56	51064	292.348	ug/l	99
14) Allyl chloride	5.018	41	76224	46.670	ug/l #	94
15) Acrylonitrile	5.724	53	145708	262.065	ug/l	100
16) Acetone	4.430	43	120895	238.721	ug/l	94
17) Carbon Disulfide	4.712	76	149976	47.914	ug/l	100
18) Methyl Acetate	5.024	43	65791	49.096	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	189529	52.452	ug/l	99
20) Methylene Chloride	5.277	84	62426	51.042	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	57340	50.520	ug/l	91
22) Diisopropyl ether	6.677	45	191494	56.043	ug/l #	96
23) Vinyl Acetate	6.606	43	725691	267.438	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	112237	54.152	ug/l	97
25) 2-Butanone	7.483	43	193432	252.959	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	89916	46.659	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	70674	53.186	ug/l	88
28) Bromochloromethane	7.812	49	50105	56.352	ug/l #	83
29) Tetrahydrofuran	7.841	42	125823	261.366	ug/l #	84
30) Chloroform	7.965	83	120070	54.607	ug/l	99
31) Cyclohexane	8.259	56	88168	46.884	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	106903	52.366	ug/l	97
36) 1,1-Dichloropropene	8.371	75	81850	51.859	ug/l	98
37) Ethyl Acetate	7.565	43	81527	50.736	ug/l	96
38) Carbon Tetrachloride	8.365	117	94357	49.653	ug/l	99
39) Methylcyclohexane	9.600	83	82236	48.236	ug/l	92
40) Benzene	8.606	78	258493	53.243	ug/l	98

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41) Methacrylonitrile	7.777	41	44764	51.709	ug/l	92
42) 1,2-Dichloroethane	8.671	62	91352	52.268	ug/l	97
43) Isopropyl Acetate	8.688	43	147240	48.507	ug/l #	94
44) Trichloroethene	9.353	130	60405	48.564	ug/l	99
45) 1,2-Dichloropropane	9.624	63	63681	56.183	ug/l	97
46) Dibromomethane	9.712	93	46383	52.528	ug/l	100
47) Bromodichloromethane	9.888	83	97029	53.181	ug/l	97
48) Methyl methacrylate	9.683	41	63878	50.698	ug/l #	87
49) 1,4-Dioxane	9.700	88	25888	943.307	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	426991	268.039	ug/l	93
52) Toluene	10.630	92	162877	53.706	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	97683	51.971	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	98894	49.708	ug/l	88
55) 1,1,2-Trichloroethane	11.018	97	61889	55.496	ug/l	98
56) Ethyl methacrylate	10.877	69	99320	57.244	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	107640	54.528	ug/l	99
59) 2-Hexanone	11.194	43	319851	270.057	ug/l	92
60) Dibromochloromethane	11.359	129	74759	52.632	ug/l	99
61) 1,2-Dibromoethane	11.471	107	63123	53.300	ug/l	98
64) Tetrachloroethene	11.106	164	56894	45.240	ug/l	95
65) Chlorobenzene	11.894	112	179662	49.740	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	64434	50.151	ug/l	98
67) Ethyl Benzene	11.965	91	309564	50.993	ug/l	98
68) m/p-Xylenes	12.071	106	241127	105.207	ug/l	97
69) o-Xylene	12.400	106	116544	53.069	ug/l	94
70) Styrene	12.412	104	198975	54.836	ug/l	98
71) Bromoform	12.576	173	51466	50.936	ug/l #	99
73) Isopropylbenzene	12.694	105	291900	49.604	ug/l	99
74) N-amyl acetate	12.494	43	122038	50.137	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	90111	51.130	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	67566m	48.393	ug/l	
77) Bromobenzene	12.982	156	72292	47.620	ug/l	95
78) n-propylbenzene	13.035	91	337794	49.926	ug/l	99
79) 2-Chlorotoluene	13.124	91	208138	48.281	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	239929	50.441	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	32785m	46.182	ug/l	
82) 4-Chlorotoluene	13.224	91	206304	48.349	ug/l	97
83) tert-Butylbenzene	13.441	119	204261	48.438	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	243686	50.264	ug/l	97
85) sec-Butylbenzene	13.618	105	280991	49.309	ug/l	100
86) p-Isopropyltoluene	13.729	119	234512	49.324	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	132474	48.305	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	131928	46.516	ug/l	100
89) n-Butylbenzene	14.059	91	192846	47.344	ug/l	99
90) Hexachloroethane	14.335	117	46921	46.640	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	129895	48.783	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	18553	45.504	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	62052	43.263	ug/l	99
94) Hexachlorobutadiene	15.500	225	24951	39.241	ug/l	99
95) Naphthalene	15.641	128	220497	44.885	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	63919	43.343	ug/l	96

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