

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083292.D
 Acq On : 14 Aug 2024 10:52
 Operator : JC\MD
 Sample : P3466-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 924-K1-WP0-0.25-080224MSD

Quant Time: Aug 14 14:15:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/16/2024
 Supervised By :Semsettin Yesilyurt 08/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	154428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	130165	59.217	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.440%			
35) Dibromofluoromethane	8.171	113	92840	52.724	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.440%			
50) Toluene-d8	10.565	98	348630	53.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.160%			
62) 4-Bromofluorobenzene	12.847	95	134539	52.539	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	82803	47.283	ug/l	99
3) Chloromethane	2.365	50	87933	49.045	ug/l	99
4) Vinyl Chloride	2.512	62	92901	50.781	ug/l	99
5) Bromomethane	2.942	94	49331	43.457	ug/l	98
6) Chloroethane	3.112	64	60341	52.719	ug/l	98
7) Trichlorofluoromethane	3.489	101	157585	52.142	ug/l	99
8) Diethyl Ether	3.959	74	55923	49.727	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.365	101	82970	49.794	ug/l	97
10) Methyl Iodide	4.583	142	88739	40.486	ug/l	98
11) Tert butyl alcohol	5.530	59	115159	252.095	ug/l	99
12) 1,1-Dichloroethene	4.341	96	81479	47.596	ug/l	92
13) Acrolein	4.183	56	65329	219.430	ug/l	100
14) Allyl chloride	5.024	41	129406	40.002	ug/l	93
15) Acrylonitrile	5.718	53	240455	255.942	ug/l	98
16) Acetone	4.430	43	205914	239.403	ug/l	99
17) Carbon Disulfide	4.712	76	209479	41.821	ug/l	100
18) Methyl Acetate	5.024	43	107105	41.795	ug/l #	89
19) Methyl tert-butyl Ether	5.794	73	316133	51.163	ug/l	98
20) Methylene Chloride	5.277	84	94141	47.558	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	85230	48.172	ug/l	91
22) Diisopropyl ether	6.671	45	315055	51.811	ug/l	97
23) Vinyl Acetate	6.606	43	1247461	200.144	ug/l	96
24) 1,1-Dichloroethane	6.565	63	174125	52.534	ug/l	99
25) 2-Butanone	7.482	43	318146	240.896	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	71957	23.377	ug/l	92
27) cis-1,2-Dichloroethene	7.482	96	107293	50.254	ug/l	86
28) Bromochloromethane	7.812	49	69489	51.301	ug/l	85
29) Tetrahydrofuran	7.841	42	221071	258.947	ug/l	89
30) Chloroform	7.965	83	185692	53.925	ug/l	97
31) Cyclohexane	8.259	56	142286	43.680	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	170836	52.413	ug/l	95
36) 1,1-Dichloropropene	8.371	75	124531	46.751	ug/l	99
37) Ethyl Acetate	7.559	43	110479	37.043	ug/l #	93
38) Carbon Tetrachloride	8.365	117	145214	48.402	ug/l	97
39) Methylcyclohexane	9.600	83	139487	42.635	ug/l	95
40) Benzene	8.606	78	388435	48.951	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	75298	44.404	ug/l	93
42) 1,2-Dichloroethane	8.671	62	147040	50.868	ug/l	98
43) Isopropyl Acetate	8.688	43	219658	41.971	ug/l #	95
44) Trichloroethene	9.353	130	89740	47.513	ug/l	98
45) 1,2-Dichloropropane	9.623	63	95113	50.496	ug/l	99
46) Dibromomethane	9.706	93	68672	50.935	ug/l	99
47) Bromodichloromethane	9.888	83	149169	49.276	ug/l	97
48) Methyl methacrylate	9.682	41	111391	45.176	ug/l	92
49) 1,4-Dioxane	9.694	88	39176	880.677	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	694864	246.380	ug/l	93
52) Toluene	10.629	92	248571	49.578	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	136201	43.800	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	140574	42.502	ug/l	92
55) 1,1,2-Trichloroethane	11.017	97	93248	51.897	ug/l	99
56) Ethyl methacrylate	10.876	69	164293	48.503	ug/l	88
57) 1,3-Dichloropropane	11.165	76	162423	50.716	ug/l	99
59) 2-Hexanone	11.194	43	521980	239.233	ug/l	94
60) Dibromochloromethane	11.359	129	111659	51.400	ug/l	98
61) 1,2-Dibromoethane	11.470	107	94311	49.966	ug/l	98
64) Tetrachloroethene	11.106	164	72842	43.660	ug/l	95
65) Chlorobenzene	11.894	112	264480	47.507	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	93453	47.597	ug/l	99
67) Ethyl Benzene	11.964	91	482297	47.225	ug/l	100
68) m/p-Xylenes	12.070	106	358520	93.715	ug/l	98
69) o-Xylene	12.400	106	179973	47.699	ug/l	98
70) Styrene	12.412	104	300930	47.487	ug/l	98
71) Bromoform	12.582	173	72932	49.032	ug/l #	99
73) Isopropylbenzene	12.694	105	461160	46.088	ug/l	99
74) N-amyl acetate	12.494	43	175088	35.773	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	135499	47.878	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	106098m	40.409	ug/l	
77) Bromobenzene	12.982	156	107457	48.344	ug/l	100
78) n-propylbenzene	13.035	91	529574	45.963	ug/l	100
79) 2-Chlorotoluene	13.123	91	340781	46.651	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	389428	46.486	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	37178	30.801	ug/l	97
82) 4-Chlorotoluene	13.223	91	340987	46.537	ug/l	96
83) tert-Butylbenzene	13.441	119	344950	46.497	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	394404	46.717	ug/l	100
85) sec-Butylbenzene	13.617	105	462695	45.708	ug/l	100
86) p-Isopropyltoluene	13.729	119	384433	45.994	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	192209	45.956	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	193865	45.977	ug/l	98
89) n-Butylbenzene	14.058	91	317014	43.772	ug/l	98
90) Hexachloroethane	14.335	117	74049	45.856	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	189753	46.883	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30084	43.807	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	99622	43.935	ug/l	98
94) Hexachlorobutadiene	15.500	225	39885	39.552	ug/l	98
95) Naphthalene	15.641	128	365990	45.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	101419	45.203	ug/l	96

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

