

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083291.D
 Acq On : 14 Aug 2024 10:28
 Operator : JC\MD
 Sample : P3466-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

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

Quant Time: Aug 14 14:15:28 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	8.224	168	147545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	122369	58.267	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.540%			
35) Dibromofluoromethane	8.165	113	90920	54.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.060%			
50) Toluene-d8	10.565	98	333167	53.572	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.140%			
62) 4-Bromofluorobenzene	12.847	95	132370	54.595	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 109.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	82997	49.604	ug/l	96
3) Chloromethane	2.365	50	86740	50.636	ug/l	98
4) Vinyl Chloride	2.512	62	93887	53.714	ug/l	99
5) Bromomethane	2.942	94	43709	40.300	ug/l	94
6) Chloroethane	3.112	64	61659	56.384	ug/l	99
7) Trichlorofluoromethane	3.494	101	161438	55.909	ug/l	95
8) Diethyl Ether	3.959	74	57031	53.078	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	85461	53.682	ug/l	97
10) Methyl Iodide	4.583	142	82185	39.245	ug/l	97
11) Tert butyl alcohol	5.524	59	114912	263.289	ug/l	100
12) 1,1-Dichloroethene	4.341	96	85068	52.011	ug/l	88
13) Acrolein	4.177	56	66719	234.553	ug/l	97
14) Allyl chloride	5.024	41	131317	42.486	ug/l	92
15) Acrylonitrile	5.718	53	241693	269.261	ug/l	99
16) Acetone	4.430	43	208489	253.705	ug/l	96
17) Carbon Disulfide	4.712	76	210417	43.968	ug/l	99
18) Methyl Acetate	5.030	43	108637	44.370	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	325125	55.073	ug/l	99
20) Methylene Chloride	5.277	84	97482	51.543	ug/l	84
21) trans-1,2-Dichloroethene	5.788	96	87367	51.683	ug/l	90
22) Diisopropyl ether	6.671	45	321877	55.402	ug/l	98
23) Vinyl Acetate	6.606	43	1279268	214.822	ug/l #	94
24) 1,1-Dichloroethane	6.559	63	176895	55.860	ug/l	100
25) 2-Butanone	7.482	43	323699	256.535	ug/l	93
26) 2,2-Dichloropropane	7.488	77	74497	25.331	ug/l	93
27) cis-1,2-Dichloroethene	7.488	96	108174	53.030	ug/l	88
28) Bromochloromethane	7.812	49	71165	54.989	ug/l	87
29) Tetrahydrofuran	7.841	42	223288	273.745	ug/l	88
30) Chloroform	7.965	83	188887	57.412	ug/l	97
31) Cyclohexane	8.259	56	146060	46.930	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	172642	55.438	ug/l	96
36) 1,1-Dichloropropene	8.371	75	128085	50.786	ug/l	99
37) Ethyl Acetate	7.565	43	111903	39.628	ug/l #	94
38) Carbon Tetrachloride	8.365	117	151450	53.316	ug/l	99
39) Methylcyclohexane	9.600	83	144098	46.518	ug/l	93
40) Benzene	8.606	78	395669	52.663	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	77441	48.232	ug/l	95
42) 1,2-Dichloroethane	8.671	62	150044	54.823	ug/l	98
43) Isopropyl Acetate	8.688	43	222619	45.145	ug/l #	93
44) Trichloroethene	9.353	130	91313	51.061	ug/l	93
45) 1,2-Dichloropropane	9.618	63	98166	55.044	ug/l	99
46) Dibromomethane	9.706	93	71294	55.850	ug/l	98
47) Bromodichloromethane	9.888	83	152349	53.153	ug/l	100
48) Methyl methacrylate	9.682	41	113855	48.769	ug/l	91
49) 1,4-Dioxane	9.694	88	39426	936.076	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	710872	266.212	ug/l	93
52) Toluene	10.629	92	255610	53.845	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	139852	47.500	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	145290	46.395	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	95913	56.379	ug/l	96
56) Ethyl methacrylate	10.876	69	168724	52.609	ug/l	88
57) 1,3-Dichloropropane	11.165	76	164803	54.349	ug/l	99
59) 2-Hexanone	11.194	43	533360	258.178	ug/l	94
60) Dibromochloromethane	11.359	129	113552	55.207	ug/l	99
61) 1,2-Dibromoethane	11.470	107	95465	53.418	ug/l	96
64) Tetrachloroethene	11.106	164	74983	47.849	ug/l	96
65) Chlorobenzene	11.894	112	267734	51.202	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	96243	52.188	ug/l	99
67) Ethyl Benzene	11.964	91	493460	51.443	ug/l	100
68) m/p-Xylenes	12.070	106	367755	102.346	ug/l	98
69) o-Xylene	12.400	106	182861	51.599	ug/l	100
70) Styrene	12.412	104	307766	51.707	ug/l	99
71) Bromoform	12.576	173	72561	51.938	ug/l #	99
73) Isopropylbenzene	12.694	105	474897	49.732	ug/l	100
74) N-amyl acetate	12.494	43	178930	38.308	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	138825	51.402	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	105179m	41.977	ug/l	
77) Bromobenzene	12.982	156	108487	51.143	ug/l	98
78) n-propylbenzene	13.035	91	548792	49.911	ug/l	100
79) 2-Chlorotoluene	13.123	91	348757	50.029	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	398348	49.827	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	43995	38.194	ug/l	88
82) 4-Chlorotoluene	13.223	91	347826	49.743	ug/l	98
83) tert-Butylbenzene	13.441	119	352698	49.817	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	404542	50.212	ug/l	100
85) sec-Butylbenzene	13.617	105	474766	49.145	ug/l	99
86) p-Isopropyltoluene	13.729	119	399173	50.044	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	197945	49.593	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	198776	49.398	ug/l	99
89) n-Butylbenzene	14.058	91	327504	47.385	ug/l	98
90) Hexachloroethane	14.335	117	74906	48.608	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	191027	49.457	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30124	45.965	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	100832	46.598	ug/l	98
94) Hexachlorobutadiene	15.500	225	39541	41.088	ug/l	100
95) Naphthalene	15.641	128	366023	47.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	102340	47.797	ug/l	96

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

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