

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083155.D
 Acq On : 08 Aug 2024 14:58
 Operator : JC\MD
 Sample : P3415-05MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P3415-03MSD

Quant Time: Aug 09 01:02:41 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 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	192098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144859	52.978	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.960%			
35) Dibromofluoromethane	8.165	113	107089	51.742	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.480%			
50) Toluene-d8	10.565	98	404706	52.420	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.840%			
62) 4-Bromofluorobenzene	12.847	95	158795	52.758	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	107067	49.149	ug/l	98
3) Chloromethane	2.360	50	106602	47.798	ug/l	98
4) Vinyl Chloride	2.513	62	109845	48.268	ug/l	99
5) Bromomethane	2.948	94	65212	46.181	ug/l	94
6) Chloroethane	3.113	64	65823	46.232	ug/l	97
7) Trichlorofluoromethane	3.495	101	190263	50.609	ug/l	97
8) Diethyl Ether	3.960	74	68535	48.991	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	102674	49.536	ug/l	99
10) Methyl Iodide	4.589	142	136819	50.181	ug/l	97
11) Tert butyl alcohol	5.524	59	132797	233.700	ug/l	99
12) 1,1-Dichloroethene	4.336	96	103252	48.488	ug/l	92
13) Acrolein	4.177	56	101554	274.214	ug/l	99
14) Allyl chloride	5.024	41	193111	47.989	ug/l	89
15) Acrylonitrile	5.718	53	285283	244.111	ug/l	99
16) Acetone	4.424	43	241207	225.443	ug/l	96
17) Carbon Disulfide	4.713	76	282350	45.315	ug/l	99
18) Methyl Acetate	5.024	43	146645	46.003	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	383975	49.957	ug/l	99
20) Methylene Chloride	5.277	84	112494	45.685	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	105993	48.159	ug/l	92
22) Diisopropyl ether	6.671	45	376481	49.771	ug/l	97
23) Vinyl Acetate	6.601	43	1915741m	247.090	ug/l	
24) 1,1-Dichloroethane	6.571	63	205970	49.956	ug/l	98
25) 2-Butanone	7.483	43	396066	241.087	ug/l	92
26) 2,2-Dichloropropane	7.489	77	178519	46.623	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	128648	48.440	ug/l	93
28) Bromochloromethane	7.812	49	86935	51.595	ug/l	85
29) Tetrahydrofuran	7.842	42	262568	247.243	ug/l	88
30) Chloroform	7.965	83	217383	50.749	ug/l	99
31) Cyclohexane	8.259	56	181763	44.857	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	206301	50.882	ug/l	95
36) 1,1-Dichloropropene	8.371	75	151659	48.440	ug/l	99
37) Ethyl Acetate	7.559	43	155725	44.423	ug/l #	93
38) Carbon Tetrachloride	8.365	117	178385	50.586	ug/l	97
39) Methylcyclohexane	9.600	83	182320	47.411	ug/l	98
40) Benzene	8.606	78	468834	50.267	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	92861	46.589	ug/l	96
42) 1,2-Dichloroethane	8.671	62	172255	50.699	ug/l	98
43) Isopropyl Acetate	8.689	43	297397	48.838	ug/l #	95
44) Trichloroethene	9.353	130	110945	49.975	ug/l	94
45) 1,2-Dichloropropane	9.624	63	114209	51.586	ug/l	99
46) Dibromomethane	9.712	93	81724	51.571	ug/l	99
47) Bromodichloromethane	9.889	83	177493	49.883	ug/l	97
48) Methyl methacrylate	9.683	41	140927	48.626	ug/l	93
49) 1,4-Dioxane	9.695	88	50109	958.363	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	847032	255.519	ug/l	94
52) Toluene	10.630	92	339504	57.610	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	189285	51.788	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	192132	49.422	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	109598	51.895	ug/l	99
56) Ethyl methacrylate	10.871	69	201245	50.547	ug/l	88
57) 1,3-Dichloropropane	11.165	76	189741	50.405	ug/l	99
59) 2-Hexanone	11.194	43	633913	247.180	ug/l	92
60) Dibromochloromethane	11.359	129	134182	52.551	ug/l	98
61) 1,2-Dibromoethane	11.471	107	111719	50.357	ug/l	98
64) Tetrachloroethene	11.106	164	92571	48.690	ug/l	95
65) Chlorobenzene	11.889	112	314987	49.652	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	112071	50.090	ug/l	99
67) Ethyl Benzene	11.965	91	583447	50.134	ug/l	98
68) m/p-Xylenes	12.071	106	439210	100.749	ug/l	98
69) o-Xylene	12.400	106	216243	50.294	ug/l	99
70) Styrene	12.412	104	367420	50.880	ug/l	98
71) Bromoform	12.577	173	88322	52.108	ug/l #	97
73) Isopropylbenzene	12.694	105	558049	48.213	ug/l	99
74) N-amyl acetate	12.494	43	257297	45.446	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	158436	48.397	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	141388m	46.553	ug/l	
77) Bromobenzene	12.983	156	126356	49.143	ug/l	97
78) n-propylbenzene	13.035	91	657639	49.343	ug/l	100
79) 2-Chlorotoluene	13.124	91	412881	48.862	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	480009	49.535	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	63439	45.436	ug/l	91
82) 4-Chlorotoluene	13.224	91	409650	48.332	ug/l	99
83) tert-Butylbenzene	13.435	119	416976	48.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	478570	49.005	ug/l	99
85) sec-Butylbenzene	13.618	105	563883	48.155	ug/l	100
86) p-Isopropyltoluene	13.730	119	472431	48.863	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	233552	48.273	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	232389	47.645	ug/l	99
89) n-Butylbenzene	14.053	91	411575	49.128	ug/l	98
90) Hexachloroethane	14.335	117	92388	49.460	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	224047	47.855	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	35968	45.277	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	123795	47.198	ug/l	99
94) Hexachlorobutadiene	15.500	225	47960	41.115	ug/l	99
95) Naphthalene	15.641	128	439632	47.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	119686	46.116	ug/l	96

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

