

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082864.D
 Acq On : 11 Jul 2024 09:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 12 01:01:05 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 07/12/2024
 Supervised By : Mahesh Dadoda 07/12/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116399	51.332	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.660%
35) Dibromofluoromethane	8.165	113	90655	52.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%
50) Toluene-d8	10.565	98	340343	53.128	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.260%
62) 4-Bromofluorobenzene	12.847	95	123410	53.630	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	107.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	103215	49.285	ug/l	97
3) Chloromethane	2.359	50	88339	44.479	ug/l	96
4) Vinyl Chloride	2.512	62	99408	47.658	ug/l	99
5) Bromomethane	2.942	94	61328	40.779	ug/l	95
6) Chloroethane	3.112	64	65736	46.053	ug/l	99
7) Trichlorofluoromethane	3.495	101	140696	46.897	ug/l	98
8) Diethyl Ether	3.959	74	51277	49.941	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	86885	51.170	ug/l	99
10) Methyl Iodide	4.589	142	96982	55.710	ug/l	95
11) Tert butyl alcohol	5.518	59	83685	219.421	ug/l	100
12) 1,1-Dichloroethene	4.342	96	80310	48.634	ug/l	89
13) Acrolein	4.177	56	60368	219.238	ug/l	99
14) Allyl chloride	5.018	41	118044	45.847	ug/l #	94
15) Acrylonitrile	5.718	53	203869	232.595	ug/l	99
16) Acetone	4.424	43	180556	226.162	ug/l	95
17) Carbon Disulfide	4.712	76	212970	43.160	ug/l	99
18) Methyl Acetate	5.018	43	96975	45.905	ug/l #	89
19) Methyl tert-butyl Ether	5.794	73	284590	49.961	ug/l	99
20) Methylene Chloride	5.277	84	88958	46.139	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	84610	47.288	ug/l	86
22) Diisopropyl ether	6.671	45	273687	50.809	ug/l #	95
23) Vinyl Acetate	6.606	43	1067273	249.500	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	161986	49.577	ug/l	97
25) 2-Butanone	7.483	43	284320	235.859	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	153486	50.524	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	103283	49.305	ug/l	90
28) Bromochloromethane	7.812	49	65376	46.641	ug/l #	78
29) Tetrahydrofuran	7.841	42	177363	233.709	ug/l #	84
30) Chloroform	7.965	83	173741	50.124	ug/l	100
31) Cyclohexane	8.259	56	132434	44.672	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	161425	50.159	ug/l	96
36) 1,1-Dichloropropene	8.371	75	120351	50.328	ug/l	98
37) Ethyl Acetate	7.559	43	112942	46.390	ug/l #	94
38) Carbon Tetrachloride	8.359	117	144257	50.102	ug/l	97
39) Methylcyclohexane	9.600	83	124774	48.304	ug/l	93
40) Benzene	8.606	78	363261	49.384	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	62213	47.432	ug/l	92
42) 1,2-Dichloroethane	8.671	62	134327	50.726	ug/l	98
43) Isopropyl Acetate	8.688	43	205854	44.517	ug/l #	92
44) Trichloroethene	9.353	130	91319	48.457	ug/l	98
45) 1,2-Dichloropropane	9.624	63	87255	50.809	ug/l	99
46) Dibromomethane	9.712	93	67132	50.178	ug/l	97
47) Bromodichloromethane	9.888	83	140119	50.688	ug/l	97
48) Methyl methacrylate	9.682	41	93762	49.116	ug/l #	87
49) 1,4-Dioxane	9.700	88	38266	919.777	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	590034	244.461	ug/l	92
52) Toluene	10.629	92	236388	51.445	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	147492	51.792	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	150965	50.083	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	86344	51.101	ug/l	96
56) Ethyl methacrylate	10.876	69	143625	54.636	ug/l	88
57) 1,3-Dichloropropane	11.165	76	148966	49.806	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	361689	268.138	ug/l	95
59) 2-Hexanone	11.194	43	448281	249.812	ug/l	93
60) Dibromochloromethane	11.359	129	109607	50.931	ug/l	100
61) 1,2-Dibromoethane	11.471	107	91077	50.758	ug/l	97
64) Tetrachloroethene	11.106	164	90636	49.487	ug/l	95
65) Chlorobenzene	11.894	112	259536	49.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	94237	50.364	ug/l	99
67) Ethyl Benzene	11.965	91	451190	51.033	ug/l	99
68) m/p-Xylenes	12.071	106	350912	105.130	ug/l	96
69) o-Xylene	12.400	106	168872	52.801	ug/l	96
70) Styrene	12.412	104	285677	54.059	ug/l	99
71) Bromoform	12.576	173	74652	50.731	ug/l #	99
73) Isopropylbenzene	12.694	105	417350	50.481	ug/l	98
74) N-amyl acetate	12.494	43	175403	51.292	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	117603	47.497	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	109614m	55.881	ug/l	
77) Bromobenzene	12.982	156	107671	50.483	ug/l	91
78) n-propylbenzene	13.035	91	489665	51.513	ug/l	98
79) 2-Chlorotoluene	13.123	91	301308	49.749	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	349436	52.289	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	47817	47.943	ug/l	91
82) 4-Chlorotoluene	13.223	91	299830	50.015	ug/l	97
83) tert-Butylbenzene	13.441	119	300245	50.678	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	353319	51.873	ug/l	98
85) sec-Butylbenzene	13.617	105	406696	50.798	ug/l	99
86) p-Isopropyltoluene	13.729	119	344825	51.623	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	186866	48.500	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	187031	46.938	ug/l	100
89) n-Butylbenzene	14.059	91	287030	50.157	ug/l	99
90) Hexachloroethane	14.335	117	65793	46.550	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	182550	48.798	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26780	46.751	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	98298	48.782	ug/l	99
94) Hexachlorobutadiene	15.500	225	39591	44.320	ug/l	98
95) Naphthalene	15.641	128	340227	49.296	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	98981	47.773	ug/l	97

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

