

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085328.D
 Acq On : 27 Dec 2024 15:58
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN122724

Quant Time: Dec 28 01:40:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	164136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	292504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120013	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118332	50.547	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.100%
35) Dibromofluoromethane	8.159	113	91966	50.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.800%
50) Toluene-d8	10.565	98	347336	51.871	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.847	95	121466	54.619	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115857	52.192	ug/l	99
3) Chloromethane	2.359	50	115249	46.193	ug/l	96
4) Vinyl Chloride	2.512	62	133659	50.656	ug/l	96
5) Bromomethane	2.924	94	83386	48.321	ug/l	96
6) Chloroethane	3.100	64	84777	50.664	ug/l	96
7) Trichlorofluoromethane	3.489	101	174797	50.396	ug/l	99
8) Diethyl Ether	3.953	74	63278	55.098	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	100713	51.030	ug/l	98
10) Methyl Iodide	4.583	142	118805	52.018	ug/l	96
11) Tert butyl alcohol	5.524	59	82769	282.346	ug/l	98
12) 1,1-Dichloroethene	4.330	96	93112	51.049	ug/l	99
13) Acrolein	4.171	56	97975	214.370	ug/l	98
14) Allyl chloride	5.018	41	149493	51.210	ug/l	99
15) Acrylonitrile	5.712	53	250489	271.490	ug/l	99
16) Acetone	4.418	43	215365	279.767	ug/l	95
17) Carbon Disulfide	4.706	76	266129	47.961	ug/l	98
18) Methyl Acetate	5.018	43	127062	53.913	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	322145	54.338	ug/l	97
20) Methylene Chloride	5.265	84	106365	51.370	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	95767	50.262	ug/l	96
22) Diisopropyl ether	6.665	45	341434	54.277	ug/l	99
23) Vinyl Acetate	6.594	43	1266714	278.352	ug/l	99
24) 1,1-Dichloroethane	6.565	63	195446	51.577	ug/l	98
25) 2-Butanone	7.477	43	338384	283.341	ug/l	98
26) 2,2-Dichloropropane	7.482	77	176896	53.283	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	118182	52.846	ug/l	97
28) Bromochloromethane	7.812	49	90008	51.112	ug/l #	100
29) Tetrahydrofuran	7.835	42	218407	283.909	ug/l	100
30) Chloroform	7.965	83	197287	50.890	ug/l	98
31) Cyclohexane	8.253	56	165938	47.956	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	174266	50.333	ug/l	99
36) 1,1-Dichloropropene	8.365	75	140127	52.447	ug/l	99
37) Ethyl Acetate	7.559	43	137205	51.666	ug/l	99
38) Carbon Tetrachloride	8.359	117	153395	52.672	ug/l	98
39) Methylcyclohexane	9.600	83	156627	56.501	ug/l	100
40) Benzene	8.600	78	424501	52.550	ug/l	99

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41) Methacrylonitrile	7.771	41	77084	56.677	ug/l	98
42) 1,2-Dichloroethane	8.665	62	149352	51.568	ug/l	100
43) Isopropyl Acetate	8.682	43	249040	56.953	ug/l	98
44) Trichloroethene	9.347	130	97403	50.930	ug/l	93
45) 1,2-Dichloropropane	9.618	63	109589	53.441	ug/l	100
46) Dibromomethane	9.706	93	76287	53.491	ug/l	98
47) Bromodichloromethane	9.882	83	156297	52.728	ug/l #	99
48) Methyl methacrylate	9.676	41	111168	58.590	ug/l	99
49) 1,4-Dioxane	9.694	88	34268	1197.029	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	714200	290.641	ug/l	99
52) Toluene	10.623	92	264263	54.941	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	164691	56.497	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	173493	55.040	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	96817	53.314	ug/l	98
56) Ethyl methacrylate	10.871	69	163272	61.733	ug/l	98
57) 1,3-Dichloropropane	11.159	76	172176	54.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	359446	280.905	ug/l	99
59) 2-Hexanone	11.194	43	519370	304.633	ug/l	99
60) Dibromochloromethane	11.359	129	116293	56.856	ug/l	99
61) 1,2-Dibromoethane	11.465	107	97817	54.445	ug/l	99
64) Tetrachloroethene	11.100	164	84445	52.056	ug/l	98
65) Chlorobenzene	11.888	112	287764	52.014	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	98192	52.882	ug/l	99
67) Ethyl Benzene	11.959	91	512193	55.669	ug/l	99
68) m/p-Xylenes	12.065	106	386429	114.768	ug/l	100
69) o-Xylene	12.394	106	185036	56.809	ug/l	98
70) Styrene	12.406	104	313206	59.331	ug/l	99
71) Bromoform	12.576	173	72309	56.226	ug/l #	99
73) Isopropylbenzene	12.694	105	474369	54.966	ug/l	100
74) N-amyl acetate	12.488	43	211810	57.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	137310	49.956	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	110703m	49.397	ug/l	
77) Bromobenzene	12.976	156	106098	49.621	ug/l	97
78) n-propylbenzene	13.035	91	562715	55.937	ug/l	99
79) 2-Chlorotoluene	13.123	91	338610	53.482	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	393503	56.370	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	51732	55.281	ug/l	98
82) 4-Chlorotoluene	13.217	91	341098	53.493	ug/l	99
83) tert-Butylbenzene	13.435	119	332355	54.963	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	399361	57.454	ug/l	99
85) sec-Butylbenzene	13.611	105	477401	56.877	ug/l	98
86) p-Isopropyltoluene	13.723	119	399868	53.045	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	204501	52.759	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	201165	50.524	ug/l	100
89) n-Butylbenzene	14.053	91	357404	58.149	ug/l	100
90) Hexachloroethane	14.329	117	74623	54.238	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	194477	52.669	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27636	56.494	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	99722	54.113	ug/l	99
94) Hexachlorobutadiene	15.500	225	45915	50.146	ug/l	98
95) Naphthalene	15.635	128	319467	51.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	94990	51.589	ug/l	99

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

