

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083345.D
 Acq On : 16 Aug 2024 11:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 17 01:40:57 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 08/19/2024
 Supervised By :Semsettin Yesilyurt 08/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135527	58.686	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.380%			
35) Dibromofluoromethane	8.165	113	99118	56.907	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.820%			
50) Toluene-d8	10.565	98	366687	56.438	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.880%			
62) 4-Bromofluorobenzene	12.847	95	144196	56.928	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	93531	50.836	ug/l	98
3) Chloromethane	2.359	50	94774	50.314	ug/l	99
4) Vinyl Chloride	2.512	62	103719	53.962	ug/l	100
5) Bromomethane	2.942	94	60899	51.062	ug/l	90
6) Chloroethane	3.112	64	67476	56.113	ug/l	99
7) Trichlorofluoromethane	3.495	101	176635	55.629	ug/l	97
8) Diethyl Ether	3.959	74	62400	52.813	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	99018	56.562	ug/l	99
10) Methyl Iodide	4.589	142	102840	44.659	ug/l	95
11) Tert butyl alcohol	5.524	59	114998	239.614	ug/l	100
12) 1,1-Dichloroethene	4.336	96	92826	51.612	ug/l	90
13) Acrolein	4.177	56	67162	214.718	ug/l	99
14) Allyl chloride	5.018	41	170906	50.285	ug/l	90
15) Acrylonitrile	5.718	53	251056	254.351	ug/l	99
16) Acetone	4.424	43	284285	314.596	ug/l	97
17) Carbon Disulfide	4.712	76	229448	43.601	ug/l	99
18) Methyl Acetate	5.024	43	144356	53.617	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	350119	53.933	ug/l	97
20) Methylene Chloride	5.277	84	104248	50.126	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	95271	51.252	ug/l	91
22) Diisopropyl ether	6.671	45	357614	55.976	ug/l	98
23) Vinyl Acetate	6.600	43	1757120m	268.332	ug/l	
24) 1,1-Dichloroethane	6.565	63	194315	55.801	ug/l	98
25) 2-Butanone	7.483	43	364707	262.847	ug/l	94
26) 2,2-Dichloropropane	7.489	77	187973	58.125	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	120086	53.536	ug/l	94
28) Bromochloromethane	7.812	49	75192	52.837	ug/l	87
29) Tetrahydrofuran	7.841	42	220737	246.099	ug/l	89
30) Chloroform	7.965	83	208643	57.671	ug/l	98
31) Cyclohexane	8.253	56	159959	46.740	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	191710	55.983	ug/l	96
36) 1,1-Dichloropropene	8.371	75	140333	53.262	ug/l	99
37) Ethyl Acetate	7.559	43	143634	48.688	ug/l	96
38) Carbon Tetrachloride	8.359	117	163406	55.063	ug/l	97
39) Methylcyclohexane	9.600	83	165633	51.181	ug/l	99
40) Benzene	8.606	78	426544	54.343	ug/l	98

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Reviewed By :Mahesh Dadoda 08/19/2024
 Supervised By :Semsettin Yesilyurt 08/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	83316	49.671	ug/l	97
42) 1,2-Dichloroethane	8.671	62	160105	55.995	ug/l	98
43) Isopropyl Acetate	8.688	43	251588	49.113	ug/l #	92
44) Trichloroethene	9.353	130	102377	54.798	ug/l	95
45) 1,2-Dichloropropane	9.624	63	107971	57.951	ug/l	100
46) Dibromomethane	9.706	93	76372	57.268	ug/l	98
47) Bromodichloromethane	9.888	83	167328	55.880	ug/l	97
48) Methyl methacrylate	9.683	41	121788	49.934	ug/l	92
49) 1,4-Dioxane	9.694	88	41891	952.037	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	732671	262.634	ug/l	93
52) Toluene	10.630	92	277281	55.911	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	174668	56.787	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	181489	55.474	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	101831	57.296	ug/l	99
56) Ethyl methacrylate	10.877	69	177339	52.929	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	179093	56.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	352436	248.849	ug/l	97
59) 2-Hexanone	11.194	43	568022	263.189	ug/l	92
60) Dibromochloromethane	11.359	129	124536	57.956	ug/l	99
61) 1,2-Dibromoethane	11.471	107	103462	55.415	ug/l	99
64) Tetrachloroethene	11.106	164	87856	54.203	ug/l	95
65) Chlorobenzene	11.894	112	295994	54.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	106148	55.648	ug/l	99
67) Ethyl Benzene	11.965	91	544709	54.900	ug/l	99
68) m/p-Xylenes	12.071	106	408783	109.987	ug/l	96
69) o-Xylene	12.400	106	200090	54.586	ug/l	100
70) Styrene	12.412	104	347685	56.474	ug/l	99
71) Bromoform	12.576	173	79368	54.924	ug/l #	99
73) Isopropylbenzene	12.694	105	526470	53.207	ug/l	100
74) N-amyl acetate	12.494	43	229441	47.407	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	142198	50.812	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	132177m	50.909	ug/l	
77) Bromobenzene	12.982	156	118129	53.744	ug/l	96
78) n-propylbenzene	13.035	91	629119	55.217	ug/l	100
79) 2-Chlorotoluene	13.123	91	388071	53.724	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	447937	54.073	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	52659	44.119	ug/l	96
82) 4-Chlorotoluene	13.223	91	385924	53.263	ug/l	99
83) tert-Butylbenzene	13.441	119	392540	53.508	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	454893	54.489	ug/l	100
85) sec-Butylbenzene	13.618	105	548377	54.782	ug/l	99
86) p-Isopropyltoluene	13.729	119	462199	55.921	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	219913	53.172	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	221494	53.121	ug/l	98
89) n-Butylbenzene	14.059	91	408014	56.972	ug/l	99
90) Hexachloroethane	14.335	117	82394	51.599	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	212265	53.036	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31344	46.156	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	122680	54.714	ug/l	97
94) Hexachlorobutadiene	15.500	225	50472	50.615	ug/l	99
95) Naphthalene	15.641	128	397384	50.033	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	116829	52.659	ug/l	96

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QLast Update : Thu Aug 08 06:30:41 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

