

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN079005.D
 Acq On : 22 Aug 2023 19:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Aug 23 03:08:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						08/23/2023
1) Pentafluorobenzene	8.230	168	179128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	321320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	293619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129775	50.000	ug/l	0.00
System Monitoring Compounds						08/23/2023
33) 1,2-Dichloroethane-d4	8.583	65	141924	50.917	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.840%
35) Dibromofluoromethane	8.171	113	112555	52.038	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.080%
50) Toluene-d8	10.571	98	405768	50.524	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.040%
62) 4-Bromofluorobenzene	12.853	95	137368	52.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	111162	44.724	ug/l	97
3) Chloromethane	2.365	50	139176	40.106	ug/l	98
4) Vinyl Chloride	2.512	62	143182	47.047	ug/l	93
5) Bromomethane	2.930	94	82634	47.292	ug/l	98
6) Chloroethane	3.112	64	98878	46.475	ug/l	94
7) Trichlorofluoromethane	3.489	101	173705	46.862	ug/l	98
8) Diethyl Ether	3.965	74	69087	49.164	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.365	101	89250	45.208	ug/l	99
10) Methyl Iodide	4.589	142	119898	54.281	ug/l	90
11) Tert butyl alcohol	5.536	59	117040	250.231	ug/l	98
12) 1,1-Dichloroethene	4.336	96	92316	48.004	ug/l #	81
13) Acrolein	4.177	56	74995	321.262	ug/l	93
14) Allyl chloride	5.030	41	186028	48.603	ug/l #	88
15) Acrylonitrile	5.724	53	321226	253.512	ug/l	97
16) Acetone	4.436	43	276231	240.176	ug/l #	87
17) Carbon Disulfide	4.712	76	245803	45.662	ug/l	99
18) Methyl Acetate	5.030	43	243816	50.182	ug/l #	80
19) Methyl tert-butyl Ether	5.806	73	355781	51.359	ug/l	95
20) Methylene Chloride	5.277	84	115049	46.940	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	107236	49.728	ug/l #	80
22) Diisopropyl ether	6.683	45	412017	50.884	ug/l #	88
23) Vinyl Acetate	6.612	43	1380207	258.879	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	218156	49.318	ug/l	98
25) 2-Butanone	7.489	43	461342	250.192	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	146992	41.110	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	125405	47.845	ug/l	85
28) Bromochloromethane	7.818	49	115653	49.287	ug/l #	75
29) Tetrahydrofuran	7.841	42	309534	253.612	ug/l #	72
30) Chloroform	7.971	83	221986	50.232	ug/l	94
31) Cyclohexane	8.265	56	158160	45.247	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	182400	48.406	ug/l	93
36) 1,1-Dichloropropene	8.371	75	150767	46.338	ug/l	96
37) Ethyl Acetate	7.571	43	194192	53.344	ug/l #	89
38) Carbon Tetrachloride	8.365	117	157093	48.187	ug/l	99
39) Methylcyclohexane	9.606	83	128516	42.948	ug/l #	85
40) Benzene	8.612	78	471422	49.020	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.789	41	104035	52.472	ug/l #	81	08/23/2023
42) 1,2-Dichloroethane	8.677	62	180144	50.139	ug/l	96	Supervised By : Mahesh Dadoda
43) Isopropyl Acetate	8.694	43	376432	58.504	ug/l #	81	
44) Trichloroethene	9.359	130	108218	47.358	ug/l	97	
45) 1,2-Dichloropropane	9.624	63	130379	50.920	ug/l	100	
46) Dibromomethane	9.712	93	90228	51.376	ug/l	95	
47) Bromodichloromethane	9.894	83	177585	51.208	ug/l	98	08/23/2023
48) Methyl methacrylate	9.683	41	152081	52.159	ug/l #	77	
49) 1,4-Dioxane	9.700	88	52925	1065.680	ug/l #	89	
51) 4-Methyl-2-Pentanone	10.453	43	992661	260.117	ug/l #	85	
52) Toluene	10.635	92	295065	49.973	ug/l	100	
53) t-1,3-Dichloropropene	10.841	75	187417	50.395	ug/l	95	
54) cis-1,3-Dichloropropene	10.318	75	197237	48.696	ug/l #	87	
55) 1,1,2-Trichloroethane	11.018	97	122658	51.810	ug/l	95	
56) Ethyl methacrylate	10.877	69	192755	52.523	ug/l #	73	
57) 1,3-Dichloropropane	11.171	76	217140	51.278	ug/l	99	
58) 2-Chloroethyl Vinyl ether	10.165	63	390753	221.810	ug/l	90	
59) 2-Hexanone	11.200	43	716924	259.372	ug/l	85	
60) Dibromochloromethane	11.365	129	132641	53.241	ug/l	100	
61) 1,2-Dibromoethane	11.477	107	125889	52.326	ug/l	98	
64) Tetrachloroethene	11.112	164	86552	47.005	ug/l	90	
65) Chlorobenzene	11.894	112	298726	47.795	ug/l	98	
66) 1,1,1,2-Tetrachloroethane	11.965	131	118983	50.374	ug/l	96	
67) Ethyl Benzene	11.971	91	534355	47.014	ug/l	99	
68) m/p-Xylenes	12.076	106	409082	96.266	ug/l	99	
69) o-Xylene	12.400	106	202703	49.036	ug/l	97	
70) Styrene	12.418	104	340026	49.330	ug/l	99	
71) Bromoform	12.582	173	90745	52.845	ug/l #	100	
73) Isopropylbenzene	12.700	105	479571	44.319	ug/l	99	
74) N-amyl acetate	12.500	43	262981	48.148	ug/l #	85	
75) 1,1,2,2-Tetrachloroethane	12.941	83	187791	48.064	ug/l	98	
76) 1,2,3-Trichloropropane	13.000	75	147850m	47.283	ug/l		
77) Bromobenzene	12.982	156	123391	47.440	ug/l	96	
78) n-propylbenzene	13.041	91	554844	44.218	ug/l	99	
79) 2-Chlorotoluene	13.129	91	344757	44.292	ug/l	98	
80) 1,3,5-Trimethylbenzene	13.176	105	398087	46.423	ug/l	98	
81) trans-1,4-Dichloro-2-b...	12.741	75	58691	47.948	ug/l #	84	
82) 4-Chlorotoluene	13.223	91	342980	45.034	ug/l	99	
83) tert-Butylbenzene	13.441	119	317407	44.054	ug/l	99	
84) 1,2,4-Trimethylbenzene	13.488	105	396226	46.665	ug/l	98	
85) sec-Butylbenzene	13.618	105	440969	44.473	ug/l	99	
86) p-Isopropyltoluene	13.735	119	365459	46.133	ug/l	99	
87) 1,3-Dichlorobenzene	13.735	146	207422	46.344	ug/l	97	
88) 1,4-Dichlorobenzene	13.818	146	201785	45.044	ug/l	98	
89) n-Butylbenzene	14.059	91	280614	43.043	ug/l	99	
90) Hexachloroethane	14.335	117	71888	45.270	ug/l	88	
91) 1,2-Dichlorobenzene	14.112	146	208690	46.887	ug/l	98	
92) 1,2-Dibromo-3-Chloropr...	14.729	75	34844	54.301	ug/l	96	
93) 1,2,4-Trichlorobenzene	15.394	180	71967	45.610	ug/l	95	
94) Hexachlorobutadiene	15.506	225	37372	44.751	ug/l	97	
95) Naphthalene	15.647	128	235239	39.884	ug/l	99	
96) 1,2,3-Trichlorobenzene	15.841	180	80208	46.412	ug/l	98	

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

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

08/23/2023
Supervised By :Mahesh
Dadoda

08/23/2023

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